

ENVIRONMENTAL PROTECTION AGENCY
40 CFR Part 268

[FRL-5129-2]

Land Disposal Restrictions Phase II—Universal Treatment Standards, and Treatment Standards for Organic Toxicity Characteristic Wastes and Newly Listed Wastes

AGENCY: Environmental Protection Agency (EPA).

ACTION: Final rule; technical amendments.

SUMMARY: On September 19, 1994, EPA published regulations promulgating congressionally-mandated prohibitions on land disposal of certain hazardous wastes. This notice corrects errors and clarifies the language in the preamble and regulation of the September 19, 1994 final rule.

EFFECTIVE DATE: This rule is effective on December 19, 1994.

ADDRESSES: Copies of the rule can be obtained from the RCRA Docket (5305), U.S. Environmental Protection Agency, Room 2616, 401 M Street, S.W., Washington, D.C. 20460. The RCRA Docket is open from 9:00 am to 4:00 pm Monday through Friday, except for federal holidays. The public must make an appointment to review docket materials by calling (202) 260-9327. The public may copy a maximum of 100 pages from any regulatory document at no cost. Additional copies cost \$0.15 per page.

FOR FURTHER INFORMATION CONTACT: For general information contact the RCRA Hotline at (800) 424-9346 (toll free) or (703) 920-9810 in the Washington, DC metropolitan area. For technical information contact Doug Heimlich (5302W), Office of Solid Waste, 401 M Street, S.W., Washington, DC 20460, (703) 308-8489.

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I. Reasons and Basis for Today's Amendment

The Agency has received comments from the regulated community and State agencies requesting clarification on certain aspects of the September 19, 1994 Phase II final rule (59 FR 47982). Today's amendment responds to these comments.

II. Amendments to the Phase II Final Rule
A. Section 268.2

Like zinc, vanadium is not considered to be an "underlying hazardous constituent" in characteristic wastes. In the definition of underlying hazardous constituent at 268.2(i), vanadium was inadvertently left out as an exception to the definition. It is being placed as an exception in the definition at 268.2(i) in today's amendment.

B. Section 268.7

In the preamble of the Phase II final rule, EPA stated that, as a simplifying measure, it was amending the LDR notification requirements to minimize the amount of information that must be placed on the LDR notification in certain circumstances (see 59 FR 48004). Prior to promulgation of the Phase II rule, the hazardous constituents in F001-F005 spent solvents, F039, wastes subject to the California list provisions of § 268.32 or RCRA section 3004(d), and underlying hazardous constituents in certain characteristic wastes had to be listed on the LDR notification. In Phase II, this language was changed so that if the generator/treater monitors for all the hazardous constituents in F001-F005 spent solvents, F039, and underlying hazardous constituents in certain characteristic wastes, then there would be no need to list any of the constituents on the LDR notification. If, however, the generator/treater is monitoring for a subset of these constituents, the subset of constituents in the waste (or, in the case of underlying hazardous constituents in certain characteristic wastes, the ones reasonably expected to be present at point of generation) would be required to be listed on the LDR notification. In making this change, EPA inadvertently left out language in §§ 268.7(a)(1)(ii), 268.7(a)(2)(i)(B), and 268.7(b)(4)(ii) applying this provision to California list wastes prohibited pursuant to § 268.32 or RCRA section 3004(d). A reference to these California list wastes is therefore being added to the sections mentioned above in today's amendment.

An error was also found in § 268.7(a)(1). In this section, EPA explained that before the Phase II final

rule a generator managing a restricted waste that did not meet the applicable treatment standards set forth in Subpart D of Part 268, or exceeds the prohibition levels set forth in § 268.32 or RCRA section 3004(d), was required, with each shipment of waste, to notify the treatment or storage facility in writing of the appropriate treatment standards set forth in Subpart D of this part and any applicable prohibition levels set forth in § 268.32 or RCRA section 3004(d).

As explained on page 48004 of the Phase II preamble, EPA dropped the requirement to include the treatment standard or the reference to the treatment standard on the LDR notification. EPA overlooked the regulatory language above (in italics) when modifications were made in the Phase II rule. Thus it is being removed in this technical amendment. The statement is changed to read, “* * * notify the treatment or storage facility in writing.”

Another error was made in § 268.7(a)(1). Paragraph (v) should have been redesignated as paragraph (vi), and a new paragraph (v) added. Although paragraph (v) was revised with the new language, the existing language that should have been included in paragraph (vi) was inadvertently deleted. Paragraph (vi), with the language that appeared as paragraph (v) before the Phase II rule, is being added in today's amendments. Also, in order for the new paragraph to read properly, paragraph (iv) was changed to delete the final word "and," and paragraph (v) was changed to add the word "and" at the end.

The same error described in the previous paragraph was also made in § 268.7(a)(3): paragraph (vi) should have been redesignated as paragraph (vii), and a new paragraph (vi) added. Paragraph (vii), with the language that appeared as paragraph (vi) before the Phase II rule, is being reinserted today. Also, paragraph (a)(3)(vi) is being revised today because it had been merely reproduced (incorrectly) from paragraph (a)(1)(v).

In addition, in § 268.7(a)(8), EPA modified the alternative treatment standards for lab packs from identifying the wastes that can be included in lab packs to specifying those wastes that are prohibited from being placed in lab packs. EPA made this change in order to simplify and clarify this provision. The certification language required under this section is being changed in this technical amendment to say that the lab pack "contains only wastes which have not been excluded under appendix IV to 40 CFR part 268." The certification language that reads "or solid wastes not

subject to regulation under 40 CFR part 261" is being removed and is no longer considered necessary, because the regulated community has in appendix IV a list of wastes that are prohibited from placement in a lab pack. The Agency believes that deleting this statement is not a substantive change, but rather alleviates unnecessary language.

Finally, in the introductory paragraph of § 268.7(d) and in § 268.7(d)(1), generators or treaters who claim an exemption for hazardous debris from the definition of hazardous waste under § 261.3(e) are subject to notification and certification requirements that, previously, were to be submitted to the "Director or authorized State." EPA recognizes that this designation is vague, and is specifying in today's amendment that the notification and certification requirements of § 268.7(d) be submitted to the Regional Administrator (or his designated representative) or State authorized to implement Part 268 requirements, and in § 268.7(d)(1) to be submitted to the EPA Regional hazardous waste management division director (or his designated representative) or State authorized to implement part 268 requirements.

C. Section 268.9

A typesetting error was made in § 268.9(a), which repeated language that already was in the paragraph. The paragraph is located in the middle column of 59 FR 48045, starting with, If the generator determines that his waste displays the characteristic of ignitability * * * and finishes with, as specified in paragraph (b) of this section. This redundant portion of the paragraph is deleted in today's amendment. Additionally, in section 268.9(d)(2)(i), it states that in treating wastes that exhibit a characteristic, the underlying hazardous constituents must also be treated, and if not, the certification in § 268.7(b)(5)(v) applies. There is no section 268.7(b)(5)(v), and instead the intent was to reference the certification under section 268.7(b)(5)(iv). The erroneous reference is changed in today's amendment.

D. Section 268.40

EPA established that for certain characteristic wastes managed in non-Clean Water Act (CWA) wastewater treatment systems, non-CWA-equivalent systems, or non-Class I injection wells, the underlying hazardous constituents reasonably expected to be present in the waste at point of generation should be treated as well as the hazardous characteristic. For D018-D043,

characteristic wastes, this applies to both wastewaters and nonwastewaters. While in the consolidated treatment table in § 268.40 it is noted that the D018-D043 nonwastewaters need to meet § 268.48 standards, this is not indicated for the wastewaters. The corrected table will include the requirements for wastewaters that are managed in non-CWA wastewater treatment systems, non-CWA-equivalent systems, or non-Class I deep injection wells.

An improvement in the Phase II final rule was the simplification of two equivalent technology-specific combustion standards in: Table 1—Technology Codes and Description of Technology-Based Standards in 40 CFR 268.42. The Agency consolidated the descriptions of INCIN (incineration) and FSUBS (fuel substitution), by combining them into one term, CMBST (combustion). In prior rulemakings, the treatment standard for both wastewaters and nonwastewaters of Acetaldehyde (U001) was listed as "FSUBS or INCIN;" In the Phase II final rule, a typographical error left out "FSUBS" and only listed the treatment standard, "INCIN." The treatment standard for U001 is thus changed from "FSUBS or INCIN" to "CMBST."

The following changes are also made:

- For Ethyl acetate, under F001, F002, F003, F004, and F005, the CAS number is corrected to read, "141-78-6;"
- For Tetrachloroethylene under K043, the CAS number is corrected to read, "127-18-4;"
- For Diphenylamine under K022 and K083, the CAS number is corrected to read, "122-39-4;"
- For bis(2-Chloroisopropyl)ether under U027, the CAS number is corrected to read, "39638-32-9;"
- For Phthalic anhydride under K023, K024, K093, K094, and U190, it is clarified that Phthalic anhydride is measured as "Terephthalic acid," or "Phthalic acid," which are synonymous terms for the same substance.

These changes are all made in the consolidated treatment table in section 268.40 in today's amendment.

E. Section 268.42

The definition of combustion (CMBST), as stated in § 268.42 Table 1, is: "combustion in incinerators, boilers, or industrial furnaces operated in accordance with the applicable requirements of 40 CFR part 264 subpart O, and part 266, subpart H." The definition inadvertently deleted the management of hazardous waste during the period of interim status, covered in part 265, subpart O. At 59 FR 48003, EPA affirmed that combining INCIN

(incineration) and FSUBS (fuel substitution) into one term, CMBST (combustion) made no substantive change to the promulgated standards, and, therefore, did not require notice and comment. The Agency's leaving out part 265, subpart O in the definition of CMBST (combustion), therefore, was an oversight that is being corrected in today's amendment. Furthermore, the parenthetical statement on page 48002 about part 265 interim status standards was not intended to be in the preamble, and should be disregarded.

F. Section 268.48

In the table of Universal Treatment Standards, it was footnoted that zinc was not considered an "underlying hazardous constituent" in characteristic wastes, according to the definition at 268.2(i). Vanadium also is not considered an underlying hazardous constituent in characteristic wastes, and thus, is appropriately footnoted in this table in today's amendment.

G. Appendix X to Part 268

As was mentioned in the amendment for 268.7(a)(8), EPA modified the alternative treatment standards for lab packs from identifying the wastes that can be included in lab packs to specifying those wastes that are prohibited from being placed in lab packs. As explained earlier in this rule, the language of the § 268.7(a)(8) certification is being changed in today's rule. Appendix X is also being changed to include the revised certification language for the convenience of the reader.

III. Clarifications

A. Clarification of State Authority Policy for UTS

The Universal Treatment Standards (UTS) were promulgated in the Phase II final rule pursuant to HSWA authority. In most cases UTS are the same levels as the previous LDR treatment standards, while about forty percent of the levels went up or down. In most of these cases, the change in the limits actually reflect adjustments in the limits of analytical detection, thus actual treatment will likely continue to destroy or remove organics to nondetectable levels. Even in those cases where the level has changed, the technology basis of the treatment standard has not. Therefore the changes to the treatment standards should not be viewed as more or less stringent.

Concern has been raised regarding how the UTS should apply in States authorized for the LDRs; specifically, what treatment standards must be met

by a facility located in a LDR-authorized State: the Phase II UTS levels, or the treatment standards in a State's authorized RCRA program? An additional concern is whether the authorized States would lose their ability to implement their LDR treatment standards if they were superseded by the UTS.

A memorandum from Michael Shapiro, Director of the Office of Solid Waste, to the EPA Regional Waste Management Division Directors, announced that the new UTS are neither more nor less stringent than the previous standards. Therefore, the new standards do not supersede existing standards in States authorized. States authorized for the LDRs for some or all waste streams would continue to implement the treatment standards for the streams for which they are authorized. The new UTS do not apply, for those waste streams, until the State has incorporated them into State law. EPA strongly urges States to implement the new UTS standards as soon as possible, both for simplicity of implementation and national consistency. In any case, State law (as interpreted by the State) would determine which standards applied. This approach would avoid the dual regulatory problem which would occur during the time before new HSWA requirements are adopted and authorized in the State.

EPA has a strong interest in uniformity and consistency of regulations and believes that the improvements in the UTS meet these objectives. Thus, States are encouraged to adopt and apply for authorization of the Phase II LDR rule. States that are currently authorized for portions of the LDRs may submit an abbreviated authorization revision application for the UTS. Details about what would be required for this abbreviated authorization are in the memorandum, which can be obtained by calling the RCRA docket.

It should be noted that the Agency, generally, is not relinquishing its statutory responsibility to implement significant new HSWA rules in States as soon as the rules become effective. The new approach set out in the memorandum is reserved only for areas of the hazardous waste program already authorized and regulated by the States, not new areas of the HSWA regulations. For example, the Phase II rule established treatment standards for several newly listed wastes; these new requirements are immediately effective in the States and will be enforced by EPA.

B. Flowchart Clarification

EPA is clarifying in today's amendment the Phase II flowchart entitled, "Implementation of Key Phase II LDRs," at 59 FR 48018. The second block from the bottom left poses the question, "Is the waste a mixture of a newly identified TC organic waste (D012-43) with a prohibited listed waste . . ." This language is not correct and should read in full: "Is the waste a prohibited listed waste, or one of the newly listed Phase II wastes, that also exhibits an organic toxicity characteristic?"

Another clarification is being made on page 48021, in the first diamond. Questions have been raised as to whether the "constituents" mentioned there include underlying hazardous constituents. No, "constituents" does not include UHCs. The wording inside the diamond should say "Does the treatment standard for the listed waste include the treatment standard for the constituent that causes the waste to exhibit the characteristic?"

C. Telephone Number Correction

At 59 FR 47983, Richard Kinch's name appeared as an EPA contact for "other information" about the Phase II final rule. The phone number provided in the Phase II rule, (703) 308-8414, is incorrect; Mr. Kinch's telephone number is (703) 308-8434.

IV. Rationale for Immediate Effective Date

Today's notice does not create any new regulatory requirements; rather, it restates and clarifies requirements already in effect by correcting a number of errors in the September 19, 1994 final rule (59 FR 47982). For these reasons, EPA finds that good cause exists under section 3010(b)(3) of RCRA, 42 U.S.C. 9903(b)(3), to provide for an immediate effective date. In addition, there already was full opportunity to comment on all of these issues during the rulemaking so that further comment is unnecessary. For the same reasons, EPA finds that there is good cause under 5 U.S.C. 553(b)(3) to promulgate today's corrections in final form and that there is good cause under 5 U.S.C. 553(b)(3) to waive the requirement that regulations be published at least 30 days before they become effective. Finally, EPA notes that although it is not withdrawing any existing regulatory language, all of today's revisions operate prospectively.

V. Executive Order 12866

Under Executive Order 12866, EPA must judge whether a regulation is "significant" and, therefore, subject to

review under the Executive Order. Due to the nature of this regulation (technical correction), it is not "significant"; therefore, no Executive Order 12866 review is required.

List of Subjects in 40 CFR Part 268

Environmental protection, Hazardous waste, Reporting and recordkeeping requirements.

Dated: December 16, 1994.

Peter Roberts,

Acting Assistant Administrator for Solid Waste and Emergency Response.

For the reasons set out in the preamble, title 40 chapter I of the Code of Federal Regulations is amended to read as follows:

PART 268—LAND DISPOSAL RESTRICTIONS

1. The authority citation for part 268 continues to read as follows:

Authority: 42 U.S.C. 6905, 6912(a), 6921, and 6924.

Subpart A—General

2. In § 268.2, paragraph (i) is revised to read as follows:

§ 268.2 Definitions applicable in this part.

* * * * *

(i) *Underlying hazardous constituent* means any constituent listed in § 268.48, Table UTS—Universal Treatment Standards, except vanadium and zinc, which can reasonably be expected to be present at the point of generation of the hazardous waste, at a concentration above the constituent-specific UTS treatment standards.

3. Section 268.7 is amended by revising the introductory text of paragraphs (a)(1) and (d); revising paragraphs (a)(1)(ii); (a)(1)(iv); (a)(1)(v); (a)(2)(i)(B); (a)(3)(vi); (a)(8); (b)(4)(ii); and (d)(1); and by adding paragraphs (a)(1)(vi) and (a)(3)(vii) to read as follows:

§ 268.7 Waste analysis and recordkeeping.

(a) * * *

(1) If a generator determines that he is managing a restricted waste under this part and the waste does not meet the applicable treatment standards set forth in subpart D of this part or it exceeds the applicable prohibition levels set forth in § 268.32 or RCRA section 3004(d), with each shipment of waste the generator must notify the treatment or storage facility in writing. The notice must include the following information:

* * * * *

(ii) The waste constituents that the generator will monitor, if monitoring will not include all regulated constituents,

for wastes F001–F005, F039, D001, D002, D012–D043 and in § 268.32 or RCRA section 3004(d). Generators must also include whether the waste is a nonwastewater or wastewater (as defined in § 268.2 (d) and (f)), and indicate the subcategory of the waste (such as "D003 reactive cyanide"), if applicable;

* * * *

(iv) For hazardous debris, the contaminants subject to treatment as provided by § 268.45(b) and the following statement: "This hazardous debris is subject to the alternative treatment standards of 40 CFR 268.45;"

(v) The waste analysis data, where available; and,

(vi) The date the waste is subject to the prohibitions.

(2) * * *

(i) * * *

(B) The waste constituents that the treater will monitor, if monitoring will not include all regulated constituents, for wastes F001–F005, F039, D001, D002, D012–D043 and § 268.32 or RCRA section 3004(d). Generators must also include whether the waste is a nonwastewater or wastewater (as defined in § 268.2 (d) and (f)), and indicate the subcategory of the waste (such as "D003 reactive cyanide"), if applicable;

* * * *

(3) * * *

(vi) For hazardous debris when using the treatment standards for the contaminating waste(s) in § 268.40: the requirements described in paragraphs (a)(3) (i), (ii), (iii), (iv), and (vii) of this section; and,

(vii) The date the waste is subject to the prohibitions.

* * * *

(8) If a generator is managing a lab pack that contains none of the wastes specified in appendix IV of part 268, and wishes to use the alternative treatment standard under § 268.42(c), with each shipment of waste the generator must submit a notice to the treatment facility in accordance with paragraph (a)(1) of this section, except that underlying hazardous constituents need not be determined. The generator

must also comply with the requirements in paragraphs (a)(5) and (a)(6) of this section and must submit the following certification, which must be signed by an authorized representative:

I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack does not contain any wastes identified at Appendix IV to part 268. I am aware that there are significant penalties for submitting a false certification including possibility of fine or imprisonment.

* * * *

(b) * * *

(4) * * *

(ii) The waste constituents to be monitored, if monitoring will not include all regulated constituents, for wastes F001–F005, F039, D001, D002, D012–D043 and in § 268.32 or RCRA section 3004(d). Generators must also include whether the waste is a nonwastewater or wastewater (as defined in § 268.2 (d) and (f)), and indicate the subcategory of the waste (such as D003 reactive cyanide), if applicable.

* * * *

(d) Generators or treaters who first claim that hazardous debris is excluded from the definition of hazardous waste under § 261.3(e) of this chapter (i.e., debris treated by an extraction or destruction technology provided by Table 1, § 268.45, and debris that the EPA Regional Administrator (or his designated representative) or State authorized to implement part 268 requirements has determined does not contain hazardous waste) are subject to the following notification and certification requirements:

(1) A one-time notification, including the following information, must be submitted to the EPA Regional hazardous waste management division director (or his designated representative) or State authorized to implement part 268 requirements, or State authorized to implement part 268 requirements:

* * * *

4. Section 268.9 is amended by revising paragraph (a) and paragraph (d)(2)(i) to read as follows:

§ 268.9 Special rules regarding wastes that exhibit a characteristic.

(a) The initial generator of a solid waste must determine each EPA Hazardous Waste Number (waste code) applicable to the waste in order to determine the applicable treatment standards under subpart D of this part. For purposes of part 268, the waste will carry the waste code for any applicable listing under 40 CFR 261, subpart D. In addition, the waste will carry one or more of the waste codes under 40 CFR 261, subpart C, where the waste exhibits a characteristic, except in the case when the treatment standard for the waste listed in part 261, subpart D operates in lieu of the treatment standard for the waste under part 261, subpart C, as specified in paragraph (b) of this section. If the generator determines that his waste displays the characteristic of ignitability (D001) (and is not in the High TOC Ignitable Liquids Subcategory or is not treated by CMBST, or RORGs), or the characteristic of corrosivity (D002), and is prohibited under § 268.37; or that his waste displays the characteristic of toxicity (D012–D043), and is prohibited under § 268.38, the generator must determine the underlying hazardous constituents (as defined in § 268.2), in the D001, D002, or D012–D043 wastes.

* * * *

(d) * * *

(2) * * *

(i) If treatment removes the characteristic but does not treat underlying hazardous constituents, then the certification found in § 268.7(b)(5)(iv) applies.

* * * *

Subpart D—Treatment Standards

5. Section 268.40 is amended by revising the table "Treatment Standards for Hazardous Wastes" to read as follows:

§ 268.40 Applicability of Treatment Standards.

* * * *

BILLING CODE 6560-50-P

Treatment Standards for Hazardous Wastes

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS	NONWASTEWATERS
		Common Name	CAS ² Number		
D001	Ignitable Characteristic Wastes, except for the §261.21(e)(1) High TOC Subcategory, that are managed in non-CWA/non-CWA-equivalent/non-Class I SDWA systems.	NA	NA	DEACT and meet §268.48 standards; or RORGS; or CMBST	DEACT and meet §268.48 standards; or RORGS; or CMBST
	Ignitable Characteristic Wastes, except for the §261.21(e)(1) High TOC Subcategory, that are managed in CWA/CWA-equivalent/Class I SDWA systems.	NA	NA	DEACT	DEACT
	High TOC Ignitable Characteristic Liquids Subcategory based on 40 CFR 261.21(a)(1). Greater than or equal to 10% total organic carbon. (Note: This subcategory consists of nonwastewaters only.)	NA	NA	RORGS; or CMBST	
D002	Corrosive Characteristic Wastes that are managed in non-CWA/non-CWA-equivalent/non-Class I SDWA systems.	NA	NA	DEACT and meet §268.48 standards	DEACT and meet §268.48 standards
	Corrosive Characteristic Wastes that are managed in CWA/CWA-equivalent, or Class SDWA systems.	NA	NA	DEACT	DEACT
D002, D004, D005, D006, D007, D008, D009, D010, D011	Radioactive high level wastes generated during the reprocessing of fuel rods. (Note: This subcategory consists of nonwastewaters only.)	Corrosivity (pH)	NA	NA	HLVIT
		Arsenic	7440-38-2	NA	HLVIT
		Barium	7440-39-3	NA	HLVIT
		Cadmium	7440-43-9	NA	HLVIT
		Chromium (Total)	7440-47-3	NA	HLVIT
		Lead	7439-9-2-1	NA	HLVIT
		Mercury	7439-9-7-6	NA	HLVIT
		Selenium	7782-49-2	NA	HLVIT
		Silver	7440-2-2-4	NA	HLVIT
D003	Reactive Sulfides Subcategory based on 261.23(e)(5).	NA	NA	DEACT	DEACT
	Explosives Subcategory based on 261.23(e)(6), (7), and (8).	NA	NA	DEACT	DEACT
	Other Reactives Subcategory based on 261.23(e)(11).	NA	NA	DEACT	DEACT

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS ² Number	Concentration in mg/l ³ , or Technology Code ⁴	Concentration in mg/kg ⁵ , unless noted as "mg/l TCLP", or Technology Code	DEACT	IMERC, OR RMERC
	Water Reactive Subcategory based on 261.23(e)(2), (3), and (4). (Note: This subcategory consists of nonwastewaters only.)	NA	NA	NA	NA		
	Reactive Cyanides Subcategory based on 261.23(a)(5).	Cyanides (Total) ⁶	67-12-5	Reserved	590		
		Cyanides (Amenable) ⁷	57-12-5	0.86	30		
D004	Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for arsenic based on the extraction procedure (EP) in SW846 Method 1310.	Arsenic	7440-38-2	5.0	5.0 mg/l EP		
		Arsenic: alternate ⁸ standard for nonwastewaters only.	7440-38-2	NA	5.0 mg/l TCLP		
D005	Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for barium based on the extraction procedure (EP) in SW846 Method 1310.	Barium	7440-38-3	100	100 mg/l TCLP		
D006	Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for cadmium based on the extraction procedure (EP) in SW846 Method 1310.	Cadmium	7440-43-9	1.0	1.0 mg/l TCLP		
					RTRHM		
D007	Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for chromium based on the extraction procedure (EP) in SW846 Method 1310. (Note: This subcategory consists of nonwastewaters only.)	Chromium (Total)	7440-47-3	5.0	5.0 mg/l TCLP		
D008	Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for lead based on the extraction procedure (EP) in SW846 Method 1310. (Note: This subcategory consists of nonwastewaters only.)	Lead	7438-92-1	5.0	5.0 mg/l EP		
		Lead: alternate ⁸ standard for nonwastewaters only	7439-92-1	NA	5.0 mg/l TCLP		
					RLEAD		
D009	Nonwastewaters that exhibit, or are expected to exhibit, the characteristic of toxicity for mercury based on the extraction procedure (EP) in SW846 Method 1310; and contain greater than or equal to 260 mg/kg total mercury that also contain organics and are not in incinerator residues. (High Mercury-Organic Subcategory)	Mercury	7439-97-6	NA	IMERC, OR RMERC		

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT			Concentration in mg/l ² , unless noted as "mg/l TCLP", or Technology Code ³	NONWASTEWATERS
		Common Name	CAS ⁴ Number	Concentration in mg/l ² , or Technology Code ³		
	Nonwastewaters that exhibit, or are expected to exhibit, the characteristic of toxicity for mercury based on the extraction procedure (EP) in SW846 Method 1310; and contain greater than or equal to 260 mg/kg total mercury that are inorganic, including inorganic residues and residues from RMEC. (Low Mercury-Inorganic Subcategory)	Mercury	7439-97-6	NA	NA	RMEC
	Nonwastewaters that exhibit, or are expected to exhibit, the characteristic of toxicity for mercury based on the extraction procedure (EP) in SW846 Method 1310; and contain less than 260 mg/kg total mercury.	Mercury	7439-97-6	NA	0.20 mg/l TCLP	
	All DOOS wastewaters.	Mercury	7439-97-6	0.20	NA	
	Elemental mercury contaminated with radioactive materials. (Note: This subcategory consists of nonwastewaters only.)	Mercury	7439-97-6	NA	AMIGM	
	Hydraulic oil contaminated with Mercury Radioactive Materials Subcategory. (Note: This subcategory consists of nonwastewaters only.)	Mercury	7439-97-6	NA	MERC	
D010	Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for selenium based on the extraction procedure (EP) in SW846 Method 1310.	Selenium	7782-48-2	1.0	5.7 mg/l	TCLP
D011	Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for silver based on the extraction procedure (EP) in SW846 Method 1310.	Silver	7440-22-4	5.0	5.0 mg/l	TCLP
D012	Wastes that are TC for Endrin based on the TCLP in SW846 Method 1311.	Endrin	72-20-8	BIODG; or INCIN	0.13 and meet 1268.48 standards	
	Endrin aldehyde	7421-92-4	BIODG; or INCIN	0.13 and meet 1268.48 standards		
D013	Wastes that are TC for Lindane based on the TCLP in SW846 Method 1311.	alpha-BHC	319-84-6	CARBIN; or INCIN	0.066 and meet 1268.48 standards	
	beta-BHC	319-85-7	CARBIN; or INCIN	0.066 and meet 1268.48 standards		
	delta-BHC	319-86-8	CARBIN; or INCIN	0.066 and meet 1268.48 standards		
	gamma-BHC (Lindane)	58-89-9	CARBIN; or INCIN	0.066 and meet 1268.48 standards		
D014	Wastes that are TC for Methoxychlor based on the TCLP in SW846 Method 1311.	Methoxychlor	72-43-5	WETOX or INCIN	0.18 and meet 1268.48 standards	
D015	Wastes that are TC for Toxaphene based on the TCLP in SW846 Method 1311.	Toxaphene	8001-35-2	BIODG or INCIN	2.6 and meet 1268.48 standards	
D016	Wastes that are TC for 2,4-D (2,4-Dichlorophenoxyacetic acid) based on the TCLP in SW846 Method 1311.	2,4-D (2,4-Dichlorophenoxyacetic acid)	94-75-7	CHOXD, BIODG, or INCIN	10 and meet 1268.48 standards	
D017	Wastes that are TC for 2,4,5-TP (Silvex) based on the TCLP in SW846 Method 1311.	2,4,5-TP (Silvex)	93-72-1	CHOXD or INCIN	7.9 and meet 1268.48 standards	

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS ² Number	Concentration in mg/l ³ , or Technology Code ⁴	Concentration in mg/kg ⁵ , unless noted as "mg/l TCLP"; or Technology Code	and meet §268.48 standards	and meet §268.48 standards
D018	Wastes that are TC for Benzene based on the TCLP in SW846 Method 1311 and that are managed in non-CWA/non-CWA equivalent/non-Class I SDWA systems only.	Benzene	71-43-2	0.14	10	and meet §268.48 standards	and meet §268.48 standards
D019	Wastes that are TC for Carbon tetrachloride based on the TCLP in SW846 Method 1311 and that are managed in non-CWA/non-CWA equivalent/non-Class I SDWA systems only.	Carbon tetrachloride	56-23-5	0.057	6.0	and meet §268.48 standards	and meet §268.48 standards
D020	Wastes that are TC for Chloroform based on the TCLP in SW846 Method 1311 and that are managed in non-CWA/non-CWA equivalent/non-Class I SDWA systems only.	Chlordane (alpha and gamma isomers)	57-74-9	0.0033	0.26	and meet §268.48 standards	and meet §268.48 standards
D021	Wastes that are TC for Chlorobenzene based on the TCLP in SW846 Method 1311 and that are managed in non-CWA/non-CWA equivalent/non-Class I SDWA systems only.	Chlorobenzene	108-90-7	0.057	6.0	and meet §268.48 standards	and meet §268.48 standards
D022	Wastes that are TC for Chloroform based on the TCLP in SW846 Method 1311 and that are managed in non-CWA/non-CWA equivalent/non-Class I SDWA systems only.	Chloroform	67-66-3	0.046	6.0	and meet §268.48 standards	and meet §268.48 standards
D023	Wastes that are TC for o-Cresol based on the TCLP in SW846 Method 1311 and that are managed in non-CWA/non-CWA equivalent/non-Class I SDWA systems only.	o-Cresol	95-48-7	0.11	6.6	and meet §268.48 standards	and meet §268.48 standards
D024	Wastes that are TC for m-Cresol based on the TCLP in SW846 Method 1311 and that are managed in non-CWA/non-CWA equivalent/non-Class I SDWA systems only.	m-Cresol (difficult to distinguish from p-cresol)	108-39-4	0.77	5.6	and meet §268.48 standards	and meet §268.48 standards
D025	Wastes that are TC for p-Cresol based on the TCLP in SW846 Method 1311 and that are managed in non-CWA/non-CWA equivalent/non-Class I SDWA systems only.	p-Cresol (difficult to distinguish from m-cresol)	108-44-5	0.77	5.6	and meet §268.48 standards	and meet §268.48 standards
D026	Wastes that are TC for Cresols (Total) based on the TCLP in SW846 Method 1311 and that are managed in non-CWA/non-CWA equivalent/non-Class I SDWA systems only.	Cresol-mixed isomers (Cresylic acid) (sum of o-, m-, and p-cresol concentrations)	1319-77-3	0.88	11.2	and meet §268.48 standards	and meet §268.48 standards
D027	Wastes that are TC for p-Dichlorobenzene based on the TCLP in SW846 Method 1311 and that are managed in non-CWA/non-CWA equivalent/non-Class I SDWA systems only.	p-Dichlorobenzene (1,4-Dichlorobenzene)	108-46-7	0.090	6.0	and meet §268.48 standards	and meet §268.48 standards
D028	Wastes that are TC for 1,2-Dichloroethane based on the TCLP in SW846 Method 1311 and that are managed in non-CWA/non-CWA equivalent/non-Class I SDWA systems only.	1,2-Dichloroethane	107-06-2	0.21	6.0	and meet §268.48 standards	and meet §268.48 standards
D029	Wastes that are TC for 1,1-Dichloroethylene based on the TCLP in SW846 Method 1311 and that are managed in non-CWA/non-CWA equivalent/non-Class I SDWA systems only.	1,1-Dichloroethylene	75-35-4	0.025	6.0	and meet §268.48 standards	and meet §268.48 standards
D030	Wastes that are TC for 2,4-Dinitrotoluene based on the TCLP in SW846 Method 1311 and that are managed in non-CWA/non-CWA equivalent/non-Class I SDWA systems only.	2,4-Dinitrotoluene	121-14-2	0.32	140	and meet §268.48 standards	and meet §268.48 standards
D031	Wastes that are TC for Heptachlor based on the TCLP in SW846 Method 1311 and that are managed in non-CWA/non-CWA equivalent/non-Class I SDWA systems only.	Heptachlor	76-44-8	0.0012	0.066	and meet §268.48 standards	and meet §268.48 standards

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS ² Number	Concentration in mg/l ³ on Technology Code ⁴	Concentration in mg/l ⁴ unless noted as "mg/l TCLP"; or Technology Code	and meet §268.48 standards	and meet §268.48 standards
		Heptachlor epoxide	1024-57-3	0.016	0.066	and meet §268.48 standards	and meet §268.48 standards
D032	Wastes that are TC for Hexachlorobenzene based on the TCLP in SW846 Method 1311 and that are managed in non-CWA/non-CWA equivalent/non-Class I SDWA systems only.	Hexachlorobenzene	118-74-1	0.055	10	and meet §268.48 standards	and meet §268.48 standards
D033	Wastes that are TC for Hexachlorobutadiene based on the TCLP in SW846 Method 1311 and that are managed in non-CWA/non-CWA equivalent/non-Class I SDWA systems only.	Hexachlorobutadiene	87-68-3	0.055	5.5	and meet §268.48 standards	and meet §268.48 standards
D034	Wastes that are TC for Hexachloroethane based on the TCLP in SW846 Method 1311 and that are managed in non-CWA/non-CWA equivalent/non-Class I SDWA systems only.	Hexachloroethane	67-72-1	0.055	30	and meet §268.48 standards	and meet §268.48 standards
D035	Wastes that are TC for Methyl ethyl ketone based on the TCLP in SW846 Method 1311 and that are managed in non-CWA/non-CWA equivalent/non-Class I SDWA systems only.	Methyl ethyl ketone	78-93-3	0.28	36	and meet §268.48 standards	and meet §268.48 standards
D036	Wastes that are TC for Nitrobenzene based on the TCLP in SW846 Method 1311 and that are managed in non-CWA/non-CWA equivalent/non-Class I SDWA systems only.	Nitrobenzene	98-95-3	0.068	14	and meet §268.48 standards	and meet §268.48 standards
D037	Wastes that are TC for Pentachlorophenol based on the TCLP in SW846 Method 1311 and that are managed in non-CWA/non-CWA equivalent/non-Class I SDWA systems only.	Pentachlorophenol	87-86-5	0.089	7.4	and meet §268.48 standards	and meet §268.48 standards
D038	Wastes that are TC for Pyridine based on the TCLP in SW846 Method 1311 and that are managed in non-CWA/non-CWA equivalent/non-Class I SDWA systems only.	Pyridine	110-86-1	0.014	16	and meet §268.48 standards	and meet §268.48 standards
D039	Wastes that are TC for Tetrachloroethylene based on the TCLP in SW846 Method 1311 and that are managed in non-CWA/non-CWA equivalent/non-Class I SDWA systems only.	Tetrachloroethylene	127-18-4	0.056	6.0	and meet §268.48 standards	and meet §268.48 standards
D040	Wastes that are TC for Trichloroethylene based on the TCLP in SW846 Method 1311 and that are managed in non-CWA/non-CWA equivalent/non-Class I SDWA systems only.	Trichloroethylene	79-01-6	0.054	6.0	and meet §268.48 standards	and meet §268.48 standards
D041	Wastes that are TC for 2,4,5-Trichlorophenol based on the TCLP in SW846 Method 1311 and that are managed in non-CWA/non-CWA equivalent/non-Class I SDWA systems only.	2,4,5-Trichlorophenol	95-95-4	0.18	7.4	and meet §268.48 standards	and meet §268.48 standards
D042	Wastes that are TC for 2,4,6-Trichlorophenol based on the TCLP in SW846 Method 1311 and that are managed in non-CWA/non-CWA equivalent/non-Class I SDWA systems only.	2,4,6-Trichlorophenol	88-06-2	0.035	7.4	and meet §268.48 standards	and meet §268.48 standards
D043	Wastes that are TC for Vinyl chloride based on the TCLP in SW846 Method 1311 and that are managed in non-CWA/non-CWA equivalent/non-Class I SDWA systems only.	Vinyl chloride	75-01-4	0.27	6.0	and meet §268.48 standards	and meet §268.48 standards

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		Concentration in mg/kg ^f unless noted as "mg/l TCLP"; or Technology Code ^e	NONWASTEWATERS
		Common Name	CAS ^d Number	Concentration in mg/l ^b or Technology Code ^c	Concentration in mg/l ^b		
F001, F002, F003, F004, & F005	F004 ^a and/or F005 solvent wastes that contain any combination of one or more of the following spent solvents: acetone, benzene, n-butyl alcohol, carbon disulfide, carbon tetrachloride, chlorinated fluorocarbons, chlorobenzene, o-cresol, m-cresol, p-cresol, cyclohexanone, o-dichlorobenzene, 2-ethoxyethanol, ethyl acetate, ethyl benzene, ethyl ether, isobutyl alcohol, methanol, methylene chloride, methyl ethyl ketone, methyl isobutyl ketone, nitrobenzene, 2-nitropropane, pyridine, tetrahydroethylene, toluene, 1,1,1-trichloroethane, 1,1,2-trichloroethane, 1,1,2-trichloro-1,2,2-trifluoroethane, trichloroethylene, and/or xylenes [except as specifically noted in other subcategories]. See further details of these listings in § 261.31	Acetone	97-04-1	6.28	140		
		n-Butyl alcohol	71-36-3	5.6	2.6		
		Carbon disulfide	75-16-0	3.8	NA		
		Carbon tetrachloride	56-23-5	0.057	6.0		
		Chlorobenzene	108-90-7	0.067	6.0		
		o-Cresol	95-48-7	0.11	5.6		
		m-Cresol (difficult to distinguish from p-cresol)	108-39-4	0.77	5.6		
		p-Cresol (difficult to distinguish from m-cresol)	108-44-5	0.77	5.6		
		Cresol-mixed isomers (Creysivic acid) (aum of o-, m-, and p-cresol concentrations)	1319-77-3	0.88	11.2		
		Cyclohexanone	108-94-1	0.36	NA		
		o-Dichlorobenzene	95-50-1	0.088	6.0		
		Ethyl acetate	141-78-6	0.34	33		
		Ethyl benzene	100-41-4	0.057	10		
		Ethyl ether	60-29-7	0.12	160		
		Isobutyl alcohol	78-83-1	5.6	170		
		Methanol	67-56-1	5.6	NA		
		Methylene chloride	75-82-2	0.089	30		
		Methyl ethyl ketone	78-93-3	0.28	36		
		Methyl isobutyl ketone	108-10-1	0.14	33		
		Nitrobenzene	98-95-3	0.088	14		
		Pyridine	110-86-1	0.014	16		
		Tetrachloroethylene	127-18-4	0.056	6.0		
		Toluene	108-88-3	0.080	10		
		1,1,1-Trichloroethane	71-55-6	0.054	6.0		
		1,1,2-Trichloroethane	78-00-5	0.054	6.0		
		1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.057	30		

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS ² Number	Concentration in mg/l ³ , or Technology Code ⁴	Concentration in mg/l ³ , unless noted as "mg/l TCLP"; or Technology Code	Concentration in mg/l ³ , or Technology Code ⁴	Concentration in mg/l ³ , or Technology Code
		Trichloroethylene	75-01-6	0.054	6.0		
		Trichloromonofluoromethane	75-69-4	0.020	30		
	Xylenes-mixed isomers (sum of o-, m-, and p-xylenes concentrations)		1330-20-7	0.32	30		
F003 and/or F005 solvent wastes that contain any combination of one or more of the following three solvents as the only listed F001-5 solvents: carbon disulfide, cyclohexanone, and/or methanol. [Formerly 268.41(c)]	Carbon disulfide		75-15-0	3.8	4.8 mg/l TCLP		
	Cyclohexanone		108-84-1	0.36	0.75 mg/l TCLP		
	Methanol		67-56-1	5.6	0.75 mg/l TCLP		
F005 solvent waste containing 2-Nitropropane as the only listed F001-5 solvent.	2-Nitropropane		79-46-9	(WETOX or CHOXD) to CARBN; or INCIN	INCIN		
F005 solvent waste containing 2-Ethoxyethanol as the only listed F001-5 solvent.	2-Ethoxyethanol		110-90-5	BIODG; or INCIN	INCIN		
	Cadmium		7440-43-9	0.69	0.19 mg/l TCLP		
	Chromium (Total)		7440-47-3	2.77	0.86 mg/l TCLP		
	Cyanides (Total) ⁷		57-12-6	1.2	590		
	Cyanides (Amenable) ⁷		57-12-5	0.86	30		
	Lead		7439-92-1	0.69	0.37 mg/l TCLP		
	Nickel		7440-02-0	3.98	5.0 mg/l TCLP		
	Silver		7440-22-4	NA	0.30 mg/l TCLP		
	Cadmium		7440-43-9	NA	0.19 mg/l TCLP		
	Chromium (Total)		7440-47-3	2.77	0.86 mg/l TCLP		
	Cyanides (Total) ⁷		57-12-5	1.2	590		
	Cyanides (Amenable) ⁷		57-12-5	0.86	30		
	Lead		7439-92-1	0.69	0.37 mg/l TCLP		
	Nickel		7440-02-0	3.98	5.0 mg/l TCLP		
	Silver		7440-22-4	NA	0.30 mg/l TCLP		
	Cadmium		7440-43-9	NA	0.19 mg/l TCLP		
	Chromium (Total)		7440-47-3	2.77	0.86 mg/l TCLP		
	Cyanides (Total) ⁷		57-12-5	1.2	590		
	Cyanides (Amenable) ⁷		57-12-5	0.86	30		
	Lead		7439-92-1	NA	0.30 mg/l TCLP		
	Cadmium		7440-43-9	NA	0.19 mg/l TCLP		
	Chromium (Total)		7440-47-3	2.77	0.86 mg/l TCLP		
	Cyanides (Total) ⁷		57-12-5	1.2	590		
	Cyanides (Amenable) ⁷		57-12-5	0.86	30		
	Lead		7439-92-1	0.69	0.37 mg/l TCLP		

Pitting bath residues from the bottom of plating baths from electroplating operations where cyanides are used in the process.

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS ³ Number	Concentration in mg/l ⁴ , or Technology Code ⁴	Concentration in mg/l ⁴ , unless noted as "mg/l TCLP"; or Technology Code	Concentration in mg/l ⁴ , or Technology Code ⁴	Concentration in mg/l ⁴ , unless noted as "mg/l TCLP"; or Technology Code
		Nickel	7440-02-0	3.98	5.0 mg/l TCLP		
		Silver	7440-22-4	NA	0.30 mg/l TCLP		
F009	Spent stripping and cleaning bath solutions from electroplating operations where cyanides are used in the process.	Cadmium	7440-43-9	NA	0.19 mg/l TCLP		
		Chromium (Total)	7440-47-3	2.77	0.86 mg/l TCLP		
		Cyanides (Total) ⁷	57-12-5	1.2	590		
		Cyanides (Amenable) ⁷	57-12-5	0.86	30		
		Lead	7439-92-1	0.69	0.37 mg/l TCLP		
		Nickel	7440-02-0	3.98	5.0 mg/l TCLP		
		Silver	7440-22-4	NA	0.30 mg/l TCLP		
F010	Quenching bath residues from oil baths from metal heat treating operations where cyanides are used in the process.	Cyanides (Total) ⁷	57-12-5	1.2	590		
		Cyanides (Amenable) ⁷	57-12-5	0.86	NA		
F011	Spent cyanide solutions from salt bath pot cleaning from metal heat treating operations.	Cadmium	7440-43-9	NA	0.19 mg/l TCLP		
		Chromium (Total)	7440-47-3	2.77	0.86 mg/l TCLP		
		Cyanides (Total) ⁷	57-12-5	1.2	590		
		Cyanides (Amenable) ⁷	57-12-5	0.86	30		
		Lead	7439-92-1	0.69	0.37 mg/l TCLP		
		Nickel	7440-02-0	3.98	5.0 mg/l TCLP		
		Silver	7440-22-4	NA	0.30 mg/l TCLP		
F012	Quenching wastewater treatment sludges from metal heat treating operations where cyanides are used in the process.	Cadmium	7440-43-9	NA	0.19 mg/l TCLP		
		Chromium (Total)	7440-47-3	2.77	0.86 mg/l TCLP		
		Cyanides (Total) ⁷	57-12-5	1.2	590		
		Cyanides (Amenable) ⁷	57-12-5	0.86	30		
		Lead	7439-92-1	0.69	0.37 mg/l TCLP		
		Nickel	7440-02-0	3.98	5.0 mg/l TCLP		
		Silver	7440-22-4	NA	0.30 mg/l TCLP		
F019	Wastewater treatment sludges from the chemical conversion coating of aluminum except from zirconium phosphating in aluminum can washing when such phosphating is an exclusive conversion coating process.	Chromium (Total)	7440-47-3	2.77	0.86 mg/l TCLP		
		Cyanides (Total) ⁷	57-12-5	1.2	590		
		Cyanides (Amenable) ⁷	57-12-5	0.86	30		

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT			WASTEWATERS Concentration in mg/Kg ^a unless noted as "mg/l TCLP" ^b or Technology Code ^c	NONWASTEWATERS
		Common Name	CAS ^d Number	Concentration in mg/l ^e or Technology Code ^f		
F020, F021, F022, F023, F026	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of: (1) tri- or tetrachlorophenol, or of intermediates used to produce their pesticide derivatives, excluding wastes from the production of Hexachlorophene from highly purified 2,4,5-trichlorophenol (F020); (2) pentachloropheno, or of intermediates used to produce its derivatives (i.e., F021); (3) tere-, pente-, or hexachlorobenzenes under alkaline conditions (i.e., F022). Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of: (1) tri- or tetrachlorophenols, excluding wastes from equipment used only for the production of Hexachlorophene from highly purified 2,4,5-trichlorophenol (F023); (2) tere-, pente-, or hexachlorobenzenes under alkaline conditions (i.e., F026).	HxCDDs (All Hexachlorodibenzo-p-dioxins)	NA	0.000063	0.001	
		HxCDFs (All Hexachlorodibenzofurans)	NA	0.000063	0.001	
		PcCDDs (All Pentachlorodibenzo-p-dioxins)	NA	0.000063	0.001	
		PcCDFs (All Pentachlorodibenzofurans)	NA	0.000035	0.001	
		TCCDDs (All Terrachlorodibenzo-p-dioxins)	NA	0.000063	0.001	
		TCCDFs (All Terrachlorodibenzofurans)	NA	0.000063	0.001	
		2,4,5-Trichlorophenol	95-95-4	0.18	7.4	
		2,4,6-Trichlorophenol	88-06-2	0.035	7.4	
		2,3,4,6-Tetrachlorophenol	58-90-2	0.030	7.4	
		Pentachlorophenol	87-86-5	0.089	7.4	
		HxCDDs (All Hexachlorodibenzo-p-dioxins)	NA	0.000063	0.001	
		HxCDFs (All Hexachlorodibenzofurans)	NA	0.000063	0.001	
		PcCDDs (All Pentachlorodibenzo-p-dioxins)	NA	0.000063	0.001	
		PcCDFs (All Pentachlorodibenzofurans)	NA	0.000035	0.001	
		TCCDDs (All Terrachlorodibenzo-p-dioxins)	NA	0.000063	0.001	
		TCCDFs (All Terrachlorodibenzofurans)	NA	0.000063	0.001	
		2,4,5-Trichlorophenol	95-95-4	0.18	7.4	
		2,4,6-Trichlorophenol	88-06-2	0.035	7.4	
		2,3,4,6-Tetrachlorophenol	58-90-2	0.030	7.4	
		Pentachlorophenol	87-86-5	0.089	7.4	
		HxCDDs (All Hexachlorodibenzo-p-dioxins)	NA	0.000063	0.001	
		HxCDFs (All Hexachlorodibenzofurans)	NA	0.000063	0.001	
		PcCDDs (All Pentachlorodibenzo-p-dioxins)	NA	0.000063	0.001	
		PcCDFs (All Pentachlorodibenzofurans)	NA	0.000035	0.001	
		TCCDDs (All Terrachlorodibenzo-p-dioxins)	NA	0.000063	0.001	
		TCCDFs (All Terrachlorodibenzofurans)	NA	0.000063	0.001	
		2,4,5-Trichlorophenol	95-95-4	0.18	7.4	
		2,4,6-Trichlorophenol	88-06-2	0.035	7.4	
F027	Discarded unused formulations containing tri-, tere-, or pentachlorophenol or discarded unused formulations containing compounds derived from these chlorophenols. (This listing does not include formulations containing hexachlorophene synthesized from prepurified 2,4,5-trichlorophenol as the sole component.)					
F028	Residues resulting from the incineration or thermal treatment of soil contaminated with EPA Hazardous Wastes Nos. F020, F021, F023, F026, and F027.					

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		Concentration in mg/l ^a , unless noted as "mg/l TCLP"; or Technology Code ^b	NONWASTEWATERS
		Common Name	CAS ^c Number		
		2,3,4,6-Tetrachlorophenol	58-90-2	0.030	7.4
		Pentachlorophenol	87-86-5	0.089	7.4
F024	Process wastes, including but not limited to, distillation residues, heavy ends, tars, and reactor clear-out wastes, from the production of certain chlorinated aliphatic hydrocarbons by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution. (This listing does not include wastewater, wastewater treatment sludges, spent catalysts, and wastes listed in 1261.31 or 1261.32.)	All F024 wastes	NA	INCIN	INCIN
		2-Chloro-1,3-butadiene	126-93-3	0.057	0.28
		3-Chloropropylene	107-05-1	0.036	30
		1,1-Dichloroethane	75-34-3	0.059	6.0
		1,2-Dichloroethane	107-06-2	0.21	6.0
		1,2-Dichloropropane	78-37-5	0.86	18
		cis-1,3-Dichloropropylene	10061-01-5	0.036	18
		trans-1,3-Dichloropropylene	10061-02-6	0.036	18
		bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28
		Hexachloroethane	67-72-1	0.065	30
		Chromium (Total)	7440-47-3	2.77	0.86 mg/l TCLP
		Nickel	7440-02-0	3.98	5.0 mg/l TCLP
		Carbon tetrachloride	56-23-5	0.057	6.0
		Chloroform	67-48-3	0.046	6.0
F025	Condensed light ends from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution.	1,2-Dichloroethane	107-06-2	0.21	6.0
	F025 - Light Ends Subcategory	1,1-Dichloroethene	75-35-4	0.026	6.0
		Methylene chloride	75-9-2	0.089	30
		1,1,2-Trichloroethane	79-00-5	0.054	6.0
		Trichloroethylene	79-01-6	0.054	6.0
		Vinyl chloride	75-51-4	0.27	6.0
		Carbon tetrachloride	56-23-5	0.057	6.0
		Chloroform	67-68-3	0.046	6.0
		Hexachlorobenzene	118-74-1	0.056	10
		Hexachlorobutadiene	87-88-3	0.055	5.6
		Hexachloroethane	67-72-1	0.055	30
		Methylene chloride	75-9-2	0.089	30

Spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution.

F025 - Spent Filters/Aids and Desiccants Subcategory

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ⁶	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS ⁷ Number	Concentration in mg/l ⁸ , or Technology Code ⁹	Concentration in mg/kg ⁴ , unless noted as "mg/l TCLP"; or Technology Code		
		1,1,2-Trichloroethane	79-00-5	0.054	6.0		
		Trichloroethylene	78-01-6	0.054	6.0		
		Vinyl chloride	75-01-4	0.27	6.0		
F037	Petroleum refinery primary oil/water/separation sludge—Any sludge generated from the gravitational separation of oil/water/solids during the storage or treatment of process wastewater and oily cooling wastewater from petroleum refineries. Such sludges include, but are not limited to, those generated in: oil/water/solids separators; tanks and impoundments; ditches and other conveyances; sumps; and stormwater units that do not receive dry weather flow. Sludge generated in stormwater units that do not receive dry weather flow, sludges generated from non-contact once-through cooling waters segregated for treatment from other process or oily cooling waters, sludges generated in aggressive biological treatment units as defined in § 261.31(b)(2) (including sludges generated in one or more additional units after wastewater have been treated in aggressive biological treatment units) and K051 wastes are not included in this listing.	Acenaphthene	83-32-9	0.059	NA		
		Anthracene	120-12-7	0.059	3.4		
		Benzene	71-43-2	0.14	10		
		Benz[a]anthracene	56-55-3	0.059	3.4		
		Benzole[el]pyrene	50-32-8	0.061	3.4		
		bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28		
		Chryseene	218-01-9	0.059	3.4		
		Di-n-butyl phthalate	84-74-2	0.057	28		
		Ethy[bar]kene	100-41-4	0.057	10		
		Fluorene	86-73-7	0.059	NA		
		Naphthalene	91-20-3	0.059	5.6		
		Phenanthrene	85-01-8	0.059	5.6		
		Phenol	108-95-2	0.039	6.2		
		Pyrene	129-00-0	0.067	8.2		
		Toluene	108-88-3	0.080	10		
		Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32	30		
		Chromium (Total)	7440-47-3	2.77	0.86 mg/l TCLP		
		Cyanides (Total) ¹⁰	57-12-5	1.2	590		
		Lead	7439-92-1	0.69	NA		
		Nickel	7440-02-0	NA	6.0 mg/l TCLP		

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS
		Common Name	CAS ² Number	Concentration in mg/m ³ , or Technology Code*	Concentration in mg/kg ³ , unless noted as "mg/l TCLP", or Technology Code.	
F038	Petroleum refinery secondary (emulsified) oil/water/solids separation sludge and/or float generated from the physical and/or chemical separation of oil/water/solids in process wastewater and oily cooling wastewater from petroleum refineries. Such wastes include, but are not limited to, all sludges and floats generated in: induced air flotation (IAF) units, tanks and impoundments, and all sludges generated in DAF units. Sludges generated in stormwater units that do not receive dry weather flow, sludges generated from non-contact once-through cooling waters segregated for treatment from other process or oily cooling waters, sludges and floats generated in aggressive biological treatment units, as defined in §261.31(b)(2) (including sludges and floats generated in one or more additional units after wastewaters have been treated in aggressive biological units) and F037, K048, and K051 are not included in this listing.	Benzene	71-43-2	0.14	10	
		Benzolelpyrene	50-32-8	0.081	3.4	
		bis(2-Ethyhexyl) phthalate	117-81-7	0.28	28	
		Chrycene	218-01-9	0.059	3.4	
		Di-n-butyl phthalate	84-74-2	0.057	28	
		Ethybenzene	100-41-4	0.057	10	
		Fluorene	86-73-7	0.059	NA	
		Naphthalene	91-20-3	0.059	5.6	
		Phenanthrene	85-01-8	0.059	5.6	
		Phenol	108-95-2	0.039	6.2	
		Pyrene	128-00-0	0.067	8.2	
		Toluene	108-88-3	0.080	10	
		Xylenes-mixed isomers (sum of o-, m-, and p-Xylene concentrations)	1330-20-7	0.32	30	
		Chromium (Total)	7440-47-3	2.77	0.86 mg/l TCLP	
		Cyanides (Total) ⁴	57-12-6	1.2	690	
		Lead	7439-93-1	0.69	NA	
		Nickel	7440-02-0	NA	5.0 mg/l TCLP	
		Acenaphthylene	208-98-8	0.059	3.4	
		Acenaphthene	83-32-9	0.059	3.4	
		Acetone	67-64-1	0.28	160	
		Acetonitrile	76-05-8	5.8	NA	
		Acetophenone	96-86-2	0.010	9.7	
		2-Acetylaminofluorene	53-96-3	0.059	140	
		Acrolein	107-02-8	0.29	NA	
		Acrylonitrile	107-13-1	0.24	84	
		Aldrin	309-00-2	0.021	0.066	
		4-Aminobiphenyl	92-67-1	0.13	NA	
		Aniline	62-53-3	0.81	14	

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ^a	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS ^b Number	Concentration in mg/l ^c , or Technology Code ^d	Concentration in mg/l ^e , unless noted as "mg/l TCLP"; or Technology Code	Concentration in mg/l ^f , or Technology Code ^d	Concentration in mg/l ^g , unless noted as "mg/l TCLP"; or Technology Code
Anthracene			120-12-7	0.059		3.4	
Aranite			140-57-8	0.36		NA	
alpha-BHC			319-84-6	0.00014		0.066	
beta-BHC			319-85-7	0.00014		0.066	
delta-BHC			319-84-8	0.023		0.066	
gamma-BHC			56-89-9	0.0017		0.066	
Benzene			71-43-2	0.14		10	
Benz[e]anthracene			58-56-3	0.059		3.4	
Benzobifluoranthene (difficult to distinguish from benzofluoranthene)			205-93-2	0.11		6.8	
Benzofluoranthene (difficult to distinguish from benzobifluoranthene)			207-08-9	0.11		6.8	
Benzog[<i>h</i>] <i>i</i> perylene			191-24-2	0.0055		1.8	
Benzol[<i>a</i>]pyrene			50-32-8	0.061		3.4	
Bromodichloromethane			75-27-4	0.35		15	
Methyl bromide (Bromoethane)			74-83-9	0.11		15	
4-Bromophenyl phenyl ether			101-55-3	0.066		15	
n-Butyl alcohol			71-36-3	5.6		2.6	
Butyl benzyl phthalate			85-58-7	0.017		28	
2-sec-Butyl-4,6-dinitrophenol (Dinosab)			88-85-7	0.066		2.5	
Carbon disulfide			75-15-0	3.8		NA	
Carbon tetrachloride			56-23-5	0.067		6.0	
Chlordane (<i>alpha</i> and <i>gamma</i> isomers)			57-74-9	0.0033		0.26	
p-Chloroaniline			106-47-8	0.46		16	
Chlorobenzene			108-90-7	0.057		6.0	
Chlorobenzilate			510-15-6	0.10		NA	
2-Chloro-1,3-butadiene			126-99-8	0.057		NA	
Chlorodibromomethane			124-48-1	0.057		15	
Chloroethane			75-00-3	0.27		6.0	

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ^a	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS ^b Number	Concentration in mg/m ³ , or Technology Code ^c	Concentration in mg/kg ^d , unless noted as "mg TCLP", or Technology Code	Concentration in mg/kg ^d , or Technology Code	Concentration in mg/kg ^d , or Technology Code
	bis(2-Chloroethyl)methane	111-91-1	0.036		7.2		
	bis(2-Chloroethyl)ether	111-44-4	0.033		6.0		
	Chloroform	67-86-3	0.046		6.0		
	bis(2-Chloroethyl)ether	39638-32-9	0.055		7.2		
	p-Chloro-m-cresol	59-50-7	0.018		14		
	Chromothane (Methyl chloride)	74-87-3	0.19		30		
	2-Chloronaphthalene	91-58-7	0.055		5.6		
	2-Chlorophenol	95-57-8	0.044		5.7		
	3-Chloropropylene	107-05-1	0.036		30		
	Chrysene	218-01-9	0.059		3.4		
	<i>o</i> -Cresol	95-48-7	0.11		5.6		
	<i>m</i> -Cresol (difficult to distinguish from <i>p</i> -cresol)	108-39-4	0.77		5.6		
	<i>p</i> -Cresol (difficult to distinguish from <i>m</i> -cresol)	108-44-5	0.77		5.6		
	Cyclohexanone	108-94-1	0.36		NA		
	1,2-Diketano-3-chloropropane	96-12-8	0.11		15		
	Ethylen dibromide (1,2-Dibromoethane)	108-33-4	0.028		15		
	Dibromomethane	74-95-3	0.11		15		
	2,4-D (2,4-Dichlorophenoxyacetic acid)	94-76-7	0.72		10		
	<i>o</i> , <i>p</i> '-DDD	53-19-0	0.023		0.087		
	<i>p</i> , <i>p</i> '-DDD	72-54-8	0.023		0.087		
	<i>o</i> , <i>p</i> '-DDE	3424-82-6	0.031		0.087		
	<i>p</i> , <i>p</i> '-DDE	72-55-9	0.031		0.087		
	<i>o</i> , <i>p</i> '-DDT	789-02-6	0.0039		0.087		
	<i>p</i> , <i>p</i> '-DDT	56-29-3	0.0039		0.087		
	Dibenz(a,h)anthracene	53-70-3	0.055		8.2		
	Dibenzolepyrene	192-65-4	0.061		NA		
	<i>m</i> -Dichlorobenzene	541-73-1	0.036		6.0		

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		Concentration in mg/kg ² or Technology Code ³	WASTEWATERS NONWASTEWATERS
		Common Name	CAS ⁴ Number		
		<i>o</i> -Dichlorobenzene	95-50-1	0.088	6.0
		<i>p</i> -Dichlorobenzene	108-46-7	0.090	6.0
		Dichlorodifluoromethane	75-71-3	0.23	7.2
		1,1-Dichloroethane	75-34-3	0.059	6.0
		1,2-Dichloroethane	107-06-2	0.21	6.0
		1,1-Dichloroethylene	75-35-4	0.025	6.0
		trans-1,2-Dichloroethylene	156-80-5	0.054	30
		2,4-Dichlorophenol	120-83-2	0.044	14
		2,6-Dichlorophenol	87-85-0	0.044	14
		1,2-Dichloropropane	78-87-5	0.85	18
		cis-1,3-Dichloropropylene	10061-01-6	0.036	18
		trans-1,3-Dichloropropylene	10061-02-6	0.036	18
		Dieldrin	60-57-1	0.017	0.13
		Diethyl phthalate	84-68-2	0.20	28
		2,4-Dimethyl phenol	105-87-9	0.036	14
		Dimethyl phthalate	131-11-3	0.047	28
		Di-n-butyl phthalate	84-74-2	0.057	28
		1,4-Dinitrobenzene	100-25-4	0.32	2.3
		4,6-Dinitro- <i>o</i> -cresol	534-52-1	0.28	180
		2,4-Dinitrophenol	61-28-5	0.12	180
		2,4-Dinitrotoluene	121-14-2	0.32	140
		2,6-Dinitrotoluene	606-20-2	0.65	28
		Di-n-octyl phthalate	117-84-0	0.017	28
		Di-n-propynitrosamine	621-64-7	0.40	14
		1,4-Dioxane	123-91-1	NA	170
		Diphenylamine (difficult to distinguish from diphenylnitrosamine)	122-39-4	0.92	13
		Diphenylnitrosamine (difficult to distinguish from diphenylamine)	86-30-6	0.92	NA

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS ² Number	Concentration in mg/l ³ : or Technology Code ⁴	Concentration in mg/l ³ : unless noted as "mg/l TCLP"; or Technology Code	Concentration in mg/l ³ :	Concentration in mg/l ³ :
		1,2-Diphenylhydrazine	122-66-7	0.087	NA		
		Disulfoton	298-04-4	0.017	6.2		
		Endosulfan I	939-98-8	0.023	0.086		
		Endosulfan II	33213-8-5	0.029	0.13		
		Endosulfan sulfate	1-31-07-8	0.029	0.13		
		Endoffin	72-20-8	0.0028	0.13		
		Endrin aldehyde	7421-93-4	0.025	0.13		
		Ethyl acetate	141-78-6	0.34	33		
		Ethyl cyanide (Propanenitrile)	107-12-0	0.24	360		
		Ethyld benzene	100-41-4	0.087	10		
		Ethyl ether	60-29-7	0.12	160		
		bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28		
		Ethyl methacrylate	97-63-2	0.14	160		
		Ethylene oxide	76-21-8	0.12	NA		
		Fenphur	62-95-7	0.017	15		
		Fluoranthene	206-44-0	0.068	3.4		
		Fluorene	86-73-7	0.059	3.4		
		Hepzachlor	76-44-8	0.0012	0.086		
		Haptachlor epoxide	1024-57-3	0.016	0.066		
		Hexachlorobenzene	118-74-1	0.085	10		
		Hexachlorobutadiene	87-68-3	0.085	5.6		
		Hexachlorocyclopentadiene	77-47-4	0.087	2.4		
		HxCDDs (All Hexachlorodibenzo-p-dioxins)	NA	0.0000083	0.001		
		HxCDFs (All Hexachlorodibenzofurans)	NA	0.0000083	0.001		
		Hexachloroethane	67-72-1	0.055	30		
		Hexachloropropylene	1888-71-7	0.036	30		
		Indeno ('1,2,3-c,d) pyrene	193-38-5	0.0055	3.4		
		Iodomethane	74-88-4	0.19	65		

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS ³ Number	Concentration in mg/l ⁴ ; or Technology Code ⁵	Concentration in mg/kg ⁶ ; unless noted as "mg/l TCLP"; or Technology Code	Concentration in mg/l ⁷ ; or Technology Code ⁸	Concentration in mg/kg ⁹ ; unless noted as "mg/l TCLP"; or Technology Code
Iacetyl alcohol		Iacetyl alcohol	78-83-1	6.6	170		
Iacofin		Iacofin	465-73-6	0.021	0.066		
Isoestofole		Isoestofole	120-58-1	0.081	2.6		
Kepone		Kepone	143-80-8	0.0011	0.13		
Methacrylonitrile		Methacrylonitrile	126-98-7	0.24	84		
Methanol		Methanol	67-56-1	5.6	NA		
Methapyrilene		Methapyrilene	91-80-6	0.081	1.5		
Methoxychlor		Methoxychlor	72-43-5	0.25	0.18		
3-Methylcholanthrene		3-Methylcholanthrene	56-49-5	0.0055	15		
4,4-Methylene bis(2-chloroaniline)		4,4-Methylene bis(2-chloroaniline)	101-14-4	0.60	30		
Methylene chloride		Methylene chloride	75-09-2	0.089	30		
Methyl ethyl ketone		Methyl ethyl ketone	78-93-3	0.28	36		
Methyl isobutyl ketone		Methyl isobutyl ketone	108-10-1	0.14	33		
Methyl methacrylate		Methyl methacrylate	80-62-6	0.14	160		
Methyl methanesulfonate		Methyl methanesulfonate	66-27-3	0.018	NA		
Methyl parathion		Methyl parathion	298-00-0	0.014	4.6		
Naphthalene		Naphthalene	91-20-3	0.059	5.6		
2-Naphthylamine		2-Naphthylamine	91-59-8	0.52	NA		
p-Nitroaniline		p-Nitroaniline	100-01-8	0.038	28		
Nitrobenzene		Nitrobenzene	98-95-3	0.068	14		
5-Nitro- <i>c</i> -toluidine		5-Nitro- <i>c</i> -toluidine	98-55-8	0.32	28		
p-Nitrophenol		p-Nitrophenol	100-02-7	0.12	29		
N-Nitrosodiethylamine		N-Nitrosodiethylamine	55-18-5	0.40	28		
N-Nitrosodimethylamine		N-Nitrosodimethylamine	62-75-9	0.40	NA		
N-Nitroso-di-n-butylamine		N-Nitroso-di-n-butylamine	924-18-3	0.40	17		
N-Nitroso-methylamine		N-Nitroso-methylamine	10595-95-6	0.40	2.3		
N-Nitromorphanoline		N-Nitromorphanoline	59-49-2	0.40	2.3		
N-Nitrosopiperidine		N-Nitrosopiperidine	100-75-4	0.013	35		

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS ² Number	Concentration in mg/kg ³ , or Technology Code ⁴	Concentration in mg/kg ³ , unless noted as "mg/l TCLP"; or Technology Code	Concentration in mg/kg ³ , unless noted as "mg/l TCLP"; or Technology Code	Concentration in mg/kg ³ , unless noted as "mg/l TCLP"; or Technology Code
		N-Nitroo-p-tolidine	930-55-2	0.013	35		
		Parathion	56-38-2	0.014	4.6		
		Total PCBs (sum of all PCB isomers, or all Aroclors)	1336-36-3	0.10	10		
		Pentachlorobenzene	608-93-5	0.055	10		
		PeDDOs (All Pentachlorobenzene-p-dioxins)	NA	0.000063	0.001		
		PeCDFs (All Pentachlorodibenzofurans)	NA	0.000035	0.001		
		Pentachloronitrobenzene	82-68-8	0.055	4.8		
		Pentachlorophenol	87-86-5	0.089	7.4		
		Phenacetin	62-44-2	0.081	16		
		Phenanthrene	85-01-3	0.059	5.6		
		Phenol	108-95-2	0.039	6.2		
		Phorate	298-02-2	0.021	4.6		
		Phthalic anhydride	85-44-9	0.055	NA		
		Pronamide	23950-58-5	0.093	1.5		
		Pyrene	128-00-0	0.067	8.2		
		Pyridine	110-86-1	0.014	16		
		Safrole	94-59-7	0.081	22		
		Silvex [2,4,5-TP]	93-72-1	0.72	7.9		
		2,4,5-T	93-76-5	0.72	7.9		
		1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14		
		TCDOs (All Tetrachlorodibenz-p-dioxins)	NA	0.000063	0.001		
		TCDFs (All Tetrachlorodibenzofurans)	NA	0.000063	0.001		
		1,1,1,2-Tetrachloroethane	630-20-6	0.057	6.0		
		1,1,2,2-Tetrachloroethane	79-34-6	0.057	6.0		
		Tetrachloroethylene	127-18-4	0.056	6.0		
		2,3,4,5-Tetrachlorophenol	58-90-2	0.030	7.4		
		o-phenylene	108-88-3	0.080	10		
		Toxaphene	8001-35-2	0.0095	2.6		

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS
		Common Name	CAS ² Number	Concentration in mg/l ³ , or Technology Code ⁴	Concentration in mg/kg ⁵ , unless noted as "mg/l TCLP", or Technology Code	
	Bromoform (Tribromomethane)	75-25-2	0.63		15	
	1,2,4-Trichlorobenzene	120-82-1	0.055		19	
	1,1,1-Trichloroethane	71-55-8	0.054		6.0	
	1,1,2-Trichloroethane	79-00-5	0.054		6.0	
	Trichloroethylene	79-01-6	0.054		6.0	
	Trichloromonofluoromethane	75-69-4	0.020		30	
	2,4,5-Trichlorophenol	95-95-4	0.18		7.4	
	2,4,6-Trichlorophenol	88-06-2	0.035		7.4	
	1,2,3-Trichloropropane	98-18-4	0.85		30	
	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.057		30	
	tri(2,3-Dibromopropyl) phosphate	126-72-7	0.11		NA	
	Vinyl chloride	76-01-4	0.27		6.0	
	Xylenes-mixed isomers (sum of o-, m-, and p-Xylene concentrations)	1330-20-7	0.32		30	
Antimony		7440-36-0	1.9		2.1 mg/l TCLP	
Arsenic		7440-38-2	1.4		5.0 mg/l TCLP	
Barium		7440-38-3	1.2		7.6 mg/l TCLP	
Beryllium		7440-41-7	0.82		NA	
Cadmium		7440-45-9	0.69		0.19 mg/l TCLP	
Chromium (Total)		7440-47-3	2.77		0.86 mg/l TCLP	
Cyanides (Total) ⁷		57-12-5	1.2		590	
Cyanides (Amenable) ⁷		57-12-5	0.86		NA	
Fluoride		16984-48-8	35		NA	
Led		7439-92-1	0.69		0.37 mg/l TCLP	
Mercury		7439-97-6	0.15		0.025 mg/l TCLP	
Nickel		7440-02-0	3.98		5.0 mg/l TCLP	
Selenium		7782-49-2	0.82		0.16 mg/l TCLP	
Silver		7440-22-4	0.43		0.30 mg/l TCLP	
Sulfide		8496-25-8	14		NA	

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		Concentration in mg/l ^a , unless noted as "mg/l TCLP"; or Technology Code	NONWASTEWATERS
		Common Name	CAS ^b Number		
		Thallium	7440-28-0	1.4	NA
		Vandium	7440-62-2	4.3	NA
K001	Bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.	Naphthalene	91-20-3	0.059	5.6
		Pentachlorophenol	87-96-6	0.089	7.4
		Phenanthrene	85-01-8	0.059	5.6
		Pyrene	129-00-0	0.087	8.2
		Toluene	108-88-3	0.080	10
		Xylenes-mixed isomers (sum of o-, m-, and p-xylylene concentrations)	1330-20-7	0.32	30
		Lead	7439-92-1	0.69	0.37 mg/l TCLP
K002	Wastewater treatment sludge from the production of chrome yellow and orange pigments.	Chromium (Total)	7440-47-3	2.77	0.86 mg/l TCLP
		Lead	7439-92-1	0.69	0.37 mg/l TCLP
K003	Wastewater treatment sludge from the production of molybdate orange pigments.	Chromium (Total)	7440-47-3	2.77	0.86 mg/l TCLP
		Lead	7439-92-1	0.69	0.37 mg/l TCLP
K004	Wastewater treatment sludge from the production of zinc yellow pigments.	Chromium (Total)	7440-47-3	2.77	0.86 mg/l TCLP
		Lead	7439-92-1	0.69	0.37 mg/l TCLP
K005	Wastewater treatment sludge from the production of chrome green pigments.	Chromium (Total)	7440-47-3	2.77	0.86 mg/l TCLP
		Lead	7439-92-1	0.69	0.37 mg/l TCLP
		Cyanides (Total) ^c	67-12-5	1.2	590
K006	Wastewater treatment sludge from the production of chrome oxide green pigments (anhydrous).	Chromium (Total)	7440-47-3	2.77	0.86 mg/l TCLP
		Lead	7439-92-1	0.69	0.37 mg/l TCLP
K007	Wastewater treatment sludge from the production of chrome oxide green pigments (hydrated).	Chromium (Total)	7440-47-3	2.77	0.86 mg/l TCLP
		Lead	7439-92-1	0.69	0.37 mg/l TCLP
K008	Oven residue from the production of chrome oxide green pigments.	Cyanides (Total) ^c	57-12-5	1.2	590
		Chromium (Total)	7440-47-3	2.77	0.86 mg/l TCLP
		Lead	7439-92-1	0.69	0.37 mg/l TCLP
K009	Distillation bottoms from the production of acetaldehyde from ethylene.	Chloroform	67-66-3	0.046	6.0

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS
		Common Name	CAS ² Number	Concentration in mg/kg ³ , or Technology Code ⁴	Concentration in mg/l TCLP ⁵ , unless noted as "mg/l TCLP", or Technology Code	
K010	Distillation side cuts from the production of acetaldehyde from ethylene.	Chloroform	67-66-3	0.046	6.0	
K011	Bottom stream from the wastewater stripper in the production of acrylonitrile.	Acetonitrile	76-05-8	6.6	1.8	
		Acrylonitrile	107-13-1	0.24	84	
		Acrylamide	79-06-1	19	23	
		Benzene	71-43-2	0.14	10	
		Cyanide (Total)	57-12-5	1.2	590	
K013	Bottom stream from the acetonitrile column in the production of acrylonitrile.	Acetonitrile	76-06-8	5.6	1.8	
		Acrylonitrile	107-13-1	0.24	84	
		Acrylamide	79-06-1	19	23	
		Benzene	71-43-2	0.14	10	
		Cyanide (Total)	57-12-5	1.2	590	
K014	Bottoms from the acetonitrile purification column in the production of acrylonitrile.	Acetonitrile	76-06-8	5.6	1.8	
		Acrylonitrile	107-13-1	0.24	84	
		Acrylamide	79-06-1	19	23	
		Benzene	71-43-2	0.14	10	
		Cyanide (Total)	57-12-5	1.2	590	
K015	Still bottoms from the distillation of benzyl chloride.	Anthracene	120-12-7	0.059	3.4	
		Benzal Chloride	98-87-3	0.055	6.0	
		Benzofluoranthene (difficult to distinguish from benzo(a)fluoranthene)	205-99-2	0.11	6.8	
		Benzofluoranthene (difficult to distinguish from benzo(b)fluoranthene)	207-08-9	0.11	6.8	
		Phenanthrene	85-01-8	0.059	6.6	
		Toluene	108-88-3	0.080	10	
		Chromium (Total)	7440-47-3	2.77	0.866 mg/l TCLP	
		Nickel	7440-02-0	3.98	5.0 mg/l TCLP	
K016	Heavy ends or distillation residues from the production of carbon tetrachloride.	Hexachlorobenzene	118-74-1	0.055	10	
		Hexachlorobutadiene	87-66-3	0.055	6.6	
		Heptachlorocyclopentadiene	77-47-4	0.057	2.4	

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS ² Number	Concentration in ng/l ³ ; or Technology Code ⁴	Concentration in mg/kg ⁵ ; unless noted as "mg/l TCLP"; or Technology Code	Concentration in mg/l ⁶	Concentration in mg/l ⁶
K017	Heavy ends (still bottoms) from the purification column in the production of epichlorohydrin.	Hexachloroethane	67-72-1	0.056	30	30	30
		Tetrachloroethylene	127-18-4	0.056	6.0	6.0	6.0
		bis(2-Chloroethyl)ether	111-44-4	0.033	6.0	6.0	6.0
		1,2-Dichloropropane	78-87-5	0.85	18	18	18
		1,2,3-Trichloropropane	96-18-4	0.85	30	30	30
K018	Heavy ends from the fractionation column in ethyl chloride production.	Chloroethane	75-00-3	0.27	6.0	6.0	6.0
		Chloromethane	74-87-3	0.19	NA	NA	NA
		1,1-Dichloroethane	75-34-3	0.059	6.0	6.0	6.0
		1,2-Dichloroethane	107-08-2	0.21	6.0	6.0	6.0
		Hexachlorobenzene	118-74-1	0.055	10	10	10
		Hexachlorobutadiene	87-68-3	0.055	5.6	5.6	5.6
		Hexachloroethene	67-72-1	0.055	30	30	30
		Pentachloroethane	78-01-7	NA	6.0	6.0	6.0
		1,1,1-Trichloroethane	71-55-6	0.054	6.0	6.0	6.0
		bis(2-Chloroethyl)ether	111-44-4	0.033	6.0	6.0	6.0
K019	Heavy ends from the distillation of ethylene dichloride in ethylene dichloride production.	Chlorobenzene	108-90-7	0.057	6.0	6.0	6.0
		Chloroform	67-68-3	0.048	6.0	6.0	6.0
		p-Dichlorobenzene	108-48-7	0.090	NA	NA	NA
		1,2-Dichloroethane	107-08-2	0.21	6.0	6.0	6.0
		Fluorene	86-78-7	0.059	NA	NA	NA
		Heptachloroethane	67-72-1	0.055	30	30	30
		Naphthalene	91-20-3	0.059	5.6	5.6	5.6
		Phenanthrene	85-01-8	0.059	5.6	5.6	5.6
		1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	NA	NA	NA
		Tetrachloroethylene	127-18-4	0.056	6.0	6.0	6.0
		1,2,4-Trichlorobenzene	120-82-1	0.055	19	19	19
		1,1,1-Trichloroethane	71-55-6	0.054	6.0	6.0	6.0
K020	Heavy ends from the distillation of vinyl chloride in vinyl chloride monomer production.	1,2-Dichloroethane	107-08-2	{ 0.21	6.0	6.0	6.0

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT			Concentration in mg/Kg ² , unless noted as "mg/l TCLP"; or Technology Code ⁴	NONWASTEWATERS
		Common Name	CAS ³ Number	Concentration in mg/l ³ ; or Technology Code ⁴		
	1,1,2,2-Tetrachloroethane		79-34-6	0.057	6.0	
	Tetrachloroethylene		127-18-4	0.056	6.0	
K021	Aqueous spent antimony catalyst waste from fluoromethanes production.	Carbon tetrachloride	56-23-5	0.057	6.0	
	Chloroform		67-86-3	0.046	6.0	
	Antimony		7440-38-0	1.9	2.1 mg/l TCLP	
K022	Distillation bottom tails from the production of phenol/acetors from cumene.	Toluene	108-88-3	0.080	10	
	Acetophenone		96-86-2	0.010	9.7	
	Diphenylamine (difficult to distinguish from diphenylnitrosoamine)		122-39-4	0.92	13	
	Diphenylnitrosoamine (difficult to distinguish from diphenylamines)		86-30-6	0.92	13	
	Phenol		108-95-2	0.039	6.2	
	Chromium (Total)		7440-47-3	2.77	0.86 mg/l TCLP	
	Nickel		7440-02-0	3.98	5.0 mg/l TCLP	
K023	Distillation light ends from the production of phthalic anhydride from naphthalene.	Phthalic anhydride (measured as Phthalic acid or Terphthalic acid)	100-21-0	0.055	28	
		Phthalic anhydride (measured as Phthalic acid or Terphthalic acid)	85-44-9	0.055	28	
K024	Distillation bottoms from the production of phthalic anhydride from naphthalene.	Phthalic anhydride (measured as Phthalic acid or Terphthalic acid)	100-21-0	0.055	28	
		Phthalic anhydride (measured as Phthalic acid or Terphthalic acid)	85-44-9	0.055	28	
K025	Distillation bottoms from the production of nitrobenzenes by the nitration of benzene.	NA	NA	NA	LLEXTR 16 SSTRP 10 CARBN; or INCIN	INCIN
K026	Stripper still tails from the production of methyl ethyl pyridines.	NA	NA	NA	INCIN	INCIN
K027	Centrifuge and distillation residues from toluene dilaccyanate production.	NA	NA	NA	CARBIN; or INCIN	CMIBST
K028	Spent catalyst from the hydrochlorinator reactor in the production of 1,1,1-trichloroethane.	1,1-Dichloroethane	76-34-3	0.059	6.0	
		trans-1,2-Dichloroethylene	156-80-5	0.054	30	
		Hexachlorobutadiene	87-68-3	0.056	6.6	
		Hexachloroethane	67-72-1	0.055	30	
		Pentachloroethane	76-01-7	NA	6.0	
		1,1,1,2-Tetrachloroethane	630-20-8	0.057	6.0	

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS ² Number	Concentration in mg/l ³ , or Technology Code ⁴	Concentration in mg/l ³ , unless noted as "mg/l TCLP", or Technology Code	Concentration in mg/l ³ , or Technology Code ⁴	Concentration in mg/l ³ , unless noted as "mg/l TCLP", or Technology Code
		1,1,2,2-Tetrachloroethane	79-34-6	0.057	6.0		
		Tetrachloroethylene	127-18-4	0.056	6.0		
		1,1,1-Trichloroethane	71-55-6	0.054	6.0		
		1,1,2-Trichloroethane	79-00-5	0.054	6.0		
		Cadmium	7440-43-9	0.69	NA		
		Chromium (Total)	7440-47-3	2.77	0.86 mg/l TCLP		
		Lead	7439-92-1	0.69	0.37 mg/l TCLP		
		Nickel	7440-02-0	3.98	5.0 mg/l TCLP		
K029	Waste from the product steam stripper in the production of 1,1,1-trichloroethane.	Chloroform	67-66-3	0.046	6.0		
		1,2-Dichloroethane	107-06-2	0.21	6.0		
		1,1-Dichloroethylene	75-35-4	0.025	6.0		
		1,1,1-Trichloroethane	71-55-6	0.054	6.0		
		Vinyl chloride	75-01-4	0.27	6.0		
		o-Dichlorobenzene	95-50-1	0.088	NA		
		p-Dichlorobenzene	106-46-7	0.090	NA		
		Hexachlorobutadiene	87-68-3	0.055	5.6		
		Hexachloroethane	67-72-1	0.055	30		
		Hexachloropropylene	1888-71-7	NA	30		
		Pentachlorobenzene	608-93-5	NA	10		
		Pentachloroethane	76-01-7	NA	6.0		
		1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14		
		Tetrachloroethylene	127-18-4	0.056	6.0		
		1,2,4-Trichlorobenzene	120-92-1	0.056	19		
K031	By-product salts generated in the production of MSMA and acrylic acid.	Arsenic	7440-38-2	1.4	5.0 mg/l TCLP		
K032	Wastewater treatment sludge from the production of chlordane.	Hexachlorocyclopentadiene	77-47-4	0.057	2.4		
		Chlordane (alpha and gamma isomers)	57-74-9	0.0033	0.26		
		Haptochlor	78-44-8	6	0.0012	0.066	
		Haptochlor epoxide	1024-57-3	6	0.016	0.086	

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulation/ Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS ² Number	Concentration in mg/l ³ , or Technology Code ⁴	Concentration in mg/kg ⁵ , unless noted as "mg/l TCLP"; or Technology Code	Concentration in mg/l ³ , or Technology Code ⁴	Concentration in mg/kg ⁵ , unless noted as "mg/l TCLP"; or Technology Code
K033	Wastewater and scrub water from the chlorination of cyclopentadiene in the production of chlorane.	Hexachlorocyclopentadiene	77-47-4	0.057	2.4		
K034	Filter solids from the filtration of hexachlorocyclopentadiene in the production of chlorane.	Hexachlorocyclopentadiene	77-47-4	0.057	2.4		
K035	Wastewater treatment sludges generated in the production of creosote.	Aceanaphthalene	83-32-9	NA	3.4		
		Anthracene	120-12-7	NA	3.4		
		Benzofluoranthene	56-56-3	0.059	3.4		
		Benzol(a)pyrene	50-32-8	0.081	3.4		
		Chrysene	218-01-9	0.059	3.4		
		o-Cresol	95-48-7	0.11	5.6		
		m-Cresol (difficult to distinguish from p-cresol)	108-39-4	0.77	5.6		
		p-Cresol (difficult to distinguish from m-cresol)	106-44-5	0.77	5.6		
		Dibenz(a,h)anthracene	63-70-3	NA	8.2		
		Fluorene	206-44-0	0.068	3.4		
		Fluorene	86-73-7	NA	3.4		
		Indeno[1,2,3-c]pyrene	193-39-5	NA	3.4		
		Naphthalene	91-20-3	0.059	5.6		
		Phenanthrene	85-01-8	0.059	5.6		
		Phenol	108-95-2	0.039	6.2		
		Pyrene	129-00-0	0.067	8.2		
		Disulfoton	298-04-4	0.017	6.2		
K036	Still bottoms from toluene reclamation distillation in the production of disulfoton.	Disulfoton	298-04-4	0.017	6.2		
K037	Wastewater treatment sludges from the production of disulfoton.	Toluene	108-88-3	0.080	10		
K038	Wastewater from the washing and stripping of phorate production.	Phorate	298-02-2	0.021	4.6		
K039	Filter cake from the filtration of diethylphosphorothioc acid in the production of phorate.	NA	NA	CARBN; or INCIN	CMBST		
K040	Wastewater treatment sludge from the production of phorate.	Phorate	298-02-2	0.021	4.6		
K041	Wastewater treatment sludge from the production of toxaphene.	Toxaphene	8001-35-2	< 0.0095	2.6		

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		Concentration in mg/l ² , or Technology Code ³	NONWASTEWATERS
		Common Name	CAS ⁴ Number		
K042	Heavy ends or distillation residues from the distillation of tetrachlorobenzene in the production of 2,4,5-T.	o-Dichlorobenzene	95-50-1	0.088	6.0
		p-Dichlorobenzene	108-46-7	0.090	6.0
		Pentachlorobenzene	608-93-5	0.055	10
		1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14
		1,2,4-Trichlorobenzene	120-82-1	0.055	19
		2,4-Dichlorophenol	120-83-2	0.044	14
		2,6-Dichlorophenol	187-85-0	0.044	14
		2,4,5-Trichlorophenol	95-95-4	0.18	7.4
		2,4,6-Trichlorophenol	88-06-2	0.035	7.4
		2,3,4,6-Tetrachlorophenol	58-90-2	0.030	7.4
		Pentachlorophenol	87-86-6	0.089	7.4
		Tetrachloroethylene	127-18-4	0.056	6.0
		HxCDDs (All Hexachlorodibenz-p-dioxins)	NA	0.000063	0.001
		HxCDFs (All Hexachlorodibenzofurans)	NA	0.000063	0.001
		PaCDDs (All Pentachlorodibenz-p-dioxins)	NA	0.000063	0.001
		PaCDFs (All Pentachlorodibenzofurans)	NA	0.000035	0.001
		TCCDDs (All Tetrachlorodibenz-p-dioxins)	NA	0.000063	0.001
		TCDDFs (All Tetrachlorodibenzofurans)	NA	0.000063	0.001
K044	Wastewater treatment sludges from the manufacturing and processing of explosives.	NA	NA	DEACT	DEACT
K045	Spent carbon from the treatment of wastewater containing explosives.	NA	NA	DEACT	DEACT
K046	Wastewater treatment sludges from the manufacturing, formulation and loading of lead-based initiating compounds.	Lead	7439-92-1	0.69	0.37 mg/l TCLP
K047	Pink/red water form TNT operations	NA	NA	DEACT	DEACT
K048	Dissolved air flotation (DAF) float from the petroleum refining industry.	Benzene	71-43-2	0.14	10
		Benzo(a)pyrene	60-32-8	0.081	3.4
		bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28
		Chrysene	218-01-9	0.059	3.4
		Di-n-butyl phthalate	84-74-2	0.057	28

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS ² Number	Concentration in mg/l ³ , or Technology Code ⁴	Concentration in mg/l ³ , or Technology Code ⁴	Concentration in mg/l ³ , unless noted as "mg/l TCLP"; or Technology Code	Concentration in mg/l ³ , unless noted as "mg/l TCLP"; or Technology Code
		Ethybenzene	100-41-4	0.067	10		
		Fluorene	86-73-7	0.059	NA		
		Naphthalene	91-20-3	0.059	6.6		
		Phenanthrene	85-01-8	0.059	5.6		
		Phenol	108-95-2	0.039	6.2		
		Pyrene	129-00-0	0.067	8.2		
		Toluene	108-88-3	0.080	10		
		Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32	30		
		Chromium (Total)	7440-47-3	2.77	0.86 mg/l TCLP		
		Cyanides (Total) ⁵	67-12-5	1.2	690		
		Lead	7439-92-1	0.69	NA		
		Nickel	7440-02-0	NA	5.0 mg/l TCLP		
		Anthracene	120-12-7	0.059	3.4		
		Benzene	71-43-2	0.14	10		
		Benzol[a]pyrene	60-32-8	0.081	3.4		
		bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28		
		Carbon disulfide	75-15-0	3.8	NA		
		Chrysene	2218-01-9	0.059	3.4		
		2,4-Dimethylphenol	105-67-9	0.036	NA		
		Ethybenzene	100-41-4	0.057	10		
		Naphthalene	91-20-3	0.059	6.6		
		Phenanthrene	85-01-8	0.059	6.6		
		Phenol	108-95-2	0.039	6.2		
		Pyrene	129-00-0	0.067	8.2		
		Toluene	108-88-3	0.080	10		
K049	Slop oil emulsion solids from the petroleum refining industry.	Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32	30		
		Cyanides (Total) ⁵	67-12-5	1.2	690		

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS ² Number	Concentration in mg/l ³ ; or Technology Code ⁴	Concentration in mg/l ⁴ ; unless noted as "mg/l TCLP"; or Technology Code ⁵	TCLP	TCLP
		Chromium (Total)	7440-47-3	2.77	0.86	0.86 mg/l TCLP	
		Lead	7439-92-1	0.69	NA		
		Nickel	7440-02-0	NA	5.0	5.0 mg/l TCLP	
K050	Heat exchanger bundle cleaning sludge from the petroleum refining industry.	Benzene(a)pyrene	50-32-8	0.061	3.4		
		Phenol	108-95-2	0.039	6.2		
		Cyanides (Total) ⁷	57-12-5	1.2	690		
		Chromium (Total)	7440-47-3	2.77	0.86	0.86 mg/l TCLP	
		Lead	7439-92-1	0.69	NA		
		Nickel	7440-02-0	NA	5.0	5.0 mg/l TCLP	
K051	API separator sludge from the petroleum refining industry.	Acenaphthene	83-32-9	0.059	NA		
		Anthracene	120-12-7	0.069	3.4		
		Benzofluoranthene	56-55-3	0.059	3.4		
		Benzene	71-43-2	0.14	10		
		Benzot(a)pyrene	50-32-8	0.061	3.4		
		bis(2-Ethylenyl) phthalate	117-91-7	0.28	28		
		Chrysene	2218-01-9	0.069	3.4		
		Di-n-butyl phthalate	105-87-9	0.057	28		
		Ethylbenzene	100-41-4	0.057	10		
		Fluorene	86-73-7	0.059	NA		
		Naphthalene	91-20-3	0.059	5.6		
		Phenanthrene	85-01-3	0.059	5.6		
		Phenol	108-95-2	0.039	6.2		
		Pyrene	128-00-0	0.067	8.2		
		Toluene	108-88-3	0.08	10		
		Xylenes-mixed isomers (sum of o-, m-, and p-Xylene concentrations)	1330-20-7	0.32	30		
		Cyanides (Total) ⁷	57-12-5	1.2	690		
		Chromium (Total)	7440-47-3	1.277	0.86	0.86 mg/l TCLP	
		Lead	7439-92-1	0.69	NA		

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT			WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS ⁴ Number	Concentration in mg/l ⁵ , or Technology Code ⁶	Concentration in mg/kg ⁵ , unless noted as "mg/l TCLP"; or Technology Code	NA	5.0 mg/l TCLP	NA
K052	Tank bottoms (leaded) from the petroleum refining industry.	Nickel	7440-02-0	NA	NA	NA	5.0 mg/l TCLP	NA
		Benzene	71-43-2	0.14	10	10	5.0 mg/l TCLP	NA
		Benz(a)pyrene	50-32-8	0.061	3.4	3.4	5.0 mg/l TCLP	NA
		o-Cresol	55-48-7	0.11	5.6	5.6	5.0 mg/l TCLP	NA
		m-Cresol (difficult to distinguish from p-cresol)	108-39-4	0.77	5.6	5.6	5.0 mg/l TCLP	NA
		p-Cresol (difficult to distinguish from m-cresol)	108-44-5	0.77	5.6	5.6	5.0 mg/l TCLP	NA
		2,4-Dimethylphenol	105-67-9	0.036	NA	NA	5.0 mg/l TCLP	NA
		Ethybenzene	100-41-4	0.057	10	10	5.0 mg/l TCLP	NA
		Naphthalene	91-20-3	0.059	5.6	5.6	5.0 mg/l TCLP	NA
		Phenanthrene	85-01-8	0.059	5.6	5.6	5.0 mg/l TCLP	NA
		Phenol	108-95-2	0.039	6.2	6.2	5.0 mg/l TCLP	NA
		Toluene	108-88-3	0.08	10	10	5.0 mg/l TCLP	NA
		Xylenes-mixed isomers (sum of o-, m-, and p-Xylene concentrations)	1330-20-7	0.32	30	30	5.0 mg/l TCLP	NA
		Chromium (Total)	7440-47-3	2.77	0.86 mg/l TCLP	0.86 mg/l TCLP	5.0 mg/l TCLP	NA
		Cyanides (Total) ⁷	57-12-5	1.2	580	580	5.0 mg/l TCLP	NA
		Lead	7439-92-1	0.69	NA	NA	5.0 mg/l TCLP	NA
		Nickel	7440-02-0	NA	5.0 mg/l TCLP	5.0 mg/l TCLP	5.0 mg/l TCLP	NA
		Benzene	71-43-2	0.14	10	10	5.0 mg/l TCLP	NA
		Benz(a)pyrene	50-32-8	0.061	3.4	3.4	5.0 mg/l TCLP	NA
		Naphthalene	91-20-3	0.059	5.6	5.6	5.0 mg/l TCLP	NA
		Phenol	108-95-2	0.039	6.2	6.2	5.0 mg/l TCLP	NA
		Cyanides (Total) ⁷	57-12-5	1.2	590	590	5.0 mg/l TCLP	NA
K060	Ammonia still lime sludge from coking operations.	Antimony	7440-36-0	NA	2.1 mg/l TCLP	2.1 mg/l TCLP	5.0 mg/l TCLP	NA
		Arsenic	7440-38-2	NA	5.0 mg/l TCLP	5.0 mg/l TCLP	7.6 mg/l TCLP	NA
		Barium	7440-39-3	NA	7.6 mg/l TCLP	7.6 mg/l TCLP	0.014 mg/l TCLP	NA
		Boron	7440-41-7	NA	0.014 mg/l TCLP	0.014 mg/l TCLP	0.19 mg/l TCLP	NA
		Cadmium	7440-43-9	0.69	0.19 mg/l TCLP	0.19 mg/l TCLP	0.19 mg/l TCLP	NA

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS ² Number	Concentration in mg/l ³ , or Technology Code ⁴	Concentration in mg/l ³ , unless noted as "mg TCLP", or Technology Code	Concentration in mg/l ³ , or Technology Code ⁴	Concentration in mg/l ³ , or Technology Code
		Chromium (Total)	7440-47-3	2.77	0.86 mg/l TCLP		
		Lead	7439-92-1	0.69	0.37 mg/l TCLP		
		Mercury	7439-97-6	NA	0.026 mg/l TCLP		
		Nickel	7440-02-0	3.98	5.0 mg/l TCLP		
		Selenium	7782-49-2	NA	0.16 mg/l TCLP		
		Silver	7440-22-4	NA	0.30 mg/l TCLP		
		Thallium	NA	NA	0.078 mg/l TCLP		
		Zinc	7440-66-6	NA	5.3 mg/l TCLP		
K062	Spent pickle liquor generated by steel finishing operations of facilities within the iron and steel industry (SIC Codes 331 and 332).	Chromium (Total)	7440-47-3	2.77	0.86 mg/l TCLP		
		Lead	7439-92-1	0.69	0.37 mg/l TCLP		
		Nickel	7440-02-0	3.98	NA		
K069	Emission control dust/sludge from secondary lead smelting - Calcium Sulfate (Low Lead) Subcategory	Cadmium	7440-43-9	0.69	0.19 mg/l TCLP		
		Lead	7439-92-1	0.69	0.37 mg/l TCLP		
		Nickel	NA	NA	READ		
K071	K071 (Brine purification muds from the mercury cell process in chlorine production, where separately purified brine is not used) nonwastewaters that are residues from RMEC.	Mercury	7439-97-6	NA	0.20 mg/l TCLP		
		Mercury	7439-97-6	NA	0.026 mg/l TCLP		
	All K071 wastewaters.	Mercury	7439-97-6	0.15	NA		
K073	Chlorinated hydrocarbon waste from the purification step of the diaphragm cell process using graphite anodes in chlorine production.	Carbon tetrachloride	56-23-5	0.057	6.0		
		Chloform	67-66-3	0.046	6.0		
		Hexachloroethane	67-72-1	0.056	30		
		Tetrachloroethylene	127-18-4	0.056	6.0		
		1,1,1-Trichloroethane	71-55-6	0.054	6.0		
K083	Distillation bottoms from aniline production.	Aniline	62-53-3	0.81	14		
		Benzene	71-43-2	0.14	10		
		Cyclohexanone	108-94-1	0.36	NA		

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS Number	Concentration in mg/l ² , or Technology Code ³	Concentration in mg/l ² , unless noted as "mg/l TCLP"; or Technology Code	Concentration in mg/l ² , or Technology Code ³	Concentration in mg/l ² , unless noted as "mg/l TCLP"; or Technology Code
	Diphenylamine (difficult to distinguish from diphenylnitrosoamine)		122-38-4	0.92		13	
	Diphenylnitrosoamine (difficult to distinguish from diphenylamine)		88-30-6	0.92		13	
	Nitrobenzene		98-95-3	0.068		14	
	Phenol		108-95-2	0.039		6.2	
	Nickel		7440-02-0	3.98	5.0 mg/l TCLP		
K084	Wastewater treatment sludges generated during the production of veterinary pharmaceuticals from arsenic or organic-arsenic compounds.	Arsenic	7440-38-2	1.4	5.0 mg/l TCLP		
K085	Distillation or fractionation column bottoms from the production of chlorobenzenes.	Benzene	71-43-2	0.14	10		
		Chlorobenzene	108-90-7	0.057		6.0	
		m-Dichlorobenzene	541-73-1	0.036		6.0	
		o-Dichlorobenzene	95-50-1	0.088		6.0	
		p-Dichlorobenzene	106-48-7	0.090		6.0	
		Hexachlorobenzene	118-74-1	0.055		10	
		Total PCBs (sum of all PCB isomers, or all Aroclors)	1336-38-3	0.10		10	
		Pentachlorobenzene	608-93-5	0.085		10	
		1,2,4,5-Tetrachlorobenzene	95-54-3	0.055		14	
		1,2,4-Trichlorobenzene	120-82-1	0.085		19	
K086	Solvent wastes and sludges, caustic washes and sludges, or water washes and sludges from cleaning tubs and equipment used in the formulation of ink from pigments, driers, soaps, and stabilizers containing chromium and lead.	Acetone	67-64-1	0.28		160	
		Acetophenone	96-56-2	0.010		9.7	
		bis(2-Ethoxyethyl) phthalate	117-81-7	0.28		28	
		n-Butyl alcohol	71-36-3	5.6		2.6	
		Butylbenzyl phthalate	85-58-7	0.017		28	
		Cyclohexanone	108-94-1	0.36		NA	
		o-Dichlorobenzene	95-50-1	0.088		6.0	
		Diethyl phthalate	84-66-2	0.20		28	
		Dimethyl phthalate	131-11-3	1	0.047	28	
		Di-n-butyl phthalate	84-74-2	1	0.057	28	

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS ² Number	Concentration In mg/l ³ , or Technology Code ⁴	Concentration In mg/l ⁵ , unless noted as "mg/l TCLP" ⁶ , or Technology Code	Concentration In mg/l ⁷ , or Technology Code ⁸	Concentration In mg/l ⁹ , or Technology Code ¹⁰
		Di-n-octyl phthalate	117-84-0	0.017	28		
		Ethyl acetate	141-78-6	0.34	33		
		Ethylbenzene	100-41-4	0.057	10		
		Methanol	67-56-1	5.6	NA		
		Methyl ethyl ketone	78-93-3	0.28	36		
		Methyl isobutyl ketone	108-10-1	0.14	33		
		Methylene chloride	76-09-2	0.089	30		
		Naphthalene	91-20-3	0.059	5.6		
		Nitrobenzene	98-95-3	0.068	14		
		Toluene	108-88-3	0.080	10		
		1,1,1-Trichloroethane	71-55-6	0.054	6.0		
		Trichloroethylene	79-01-6	0.064	6.0		
	Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)		1330-20-7	0.32	30		
	Chromium (Total)		7440-47-3	2.77	0.86 mg/l TCLP		
	Cyanides (Total) ¹¹		57-12-5	1.2	590		
	Lead		7439-92-1	0.69	0.37 mg/l TCLP		
K087	Decanter tank tar sludge from coking operations.		208-96-8	0.059		3.4	
		Acenaphthylene					
		Benzene	71-43-2	0.14	10		
		Chrysene	218-01-9	0.059	3.4		
		Fluoranthene	208-44-0	0.068	3.4		
		Indeno(1,2,3-c)phenylene	193-39-5	0.0035	3.4		
		Naphthalene	91-20-3	0.059	5.6		
		Phenanthrene	85-01-8	0.059	5.6		
		Toluene	108-88-3	0.080	10		
	Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)		1330-20-7	0.32	30		
K093	Distillation light ends from the production of phthalic anhydride from ortho-xylene.		7439-92-1	0.69	0.37 mg/l TCLP		
	Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)		100-21-0	0.056	28		

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT			WASTEWATERS Concentration in mg/l ² unless noted as "mg/l TCLP"; or Technology Code ⁴	NONWASTEWATERS Concentration in mg/l ³ unless noted as "mg/l TCLP"; or Technology Code
		Common Name	CAS ⁵ Number	Concentration in mg/l ⁷ or Technology Code ⁴		
K094	Distillation bottoms from the production of phthalic anhydride from ortho-xylene.	Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	85-44-9	0.055	28	28
K095	Distillation bottoms from the production of 1,1,1-trichloroethane.	Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	100-21-0	0.055	28	28
K096	Heavy ends from the heavy ends column from the production of 1,1,1-trichloroethane.	Hexachloroethane	67-72-1	0.055	30	30
K097	Vacuum stripper discharge from the chlordane chlorinator in the production of chlordane.	Pentachloroethane	78-01-7	0.055	6.0	6.0
K098	Untreated process wastewater from the production of toxaphene.	1,1,1,2-Tetrachloroethane	630-20-6	0.057	6.0	6.0
K099	Untreated wastewater from the production of 2,4-D.	1,1,2,2-Tetrachloroethane	79-34-6	0.057	8.0	8.0
		Tetrachloroethylene	127-18-4	0.056	6.0	6.0
		1,1,2-Trichloroethane	79-00-5	0.054	6.0	6.0
		Trichloroethylene	79-01-6	0.054	6.0	6.0
		m-Dichlorobenzene	541-73-1	0.036	6.0	6.0
		Pentachloroethane	78-01-7	0.055	6.0	6.0
		1,1,1,2-Tetrachloroethane	630-20-6	0.057	6.0	6.0
		1,1,2,2-Tetrachloroethane	79-34-6	0.057	6.0	6.0
		Tetrachloroethylene	127-18-4	0.056	6.0	6.0
		1,2,4-Trichlorobenzene	120-82-1	0.055	19	19
		1,1,2-Trichloroethane	79-00-5	0.064	6.0	6.0
		Trichloroethylene	79-01-6	0.054	6.0	6.0
		Chlordane (alpha and gamma isomers)	67-74-9	0.0033	0.26	0.26
		Heptachlor	76-44-8	0.0012	0.068	0.068
		Heptachlor epoxide	1024-57-3	0.016	0.056	0.056
		Hexachlorocyclopentadiene	77-47-4	0.057	2.4	2.4
		Toxaphene	8001-35-2	0.0095	2.6	2.6
		2,4-Dichlorophenoxyacetic acid	94-75-7	0.72	10	10
		HxCDDs (All Hexachlorodibenzo-p-dioxins)	NA	0.000063	0.0001	0.0001
		HxCDFs (All Hexachlorodibenzo-furan)	NA	0.000063	0.0001	0.0001
		PeCDDs (All Pentachlorodibenzo-p-dioxins)	NA	0.000063	0.0001	0.0001

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT			Concentration in mg/l ² , unless noted as "mg/l TCLP" or Technology Code ³	NONWASTEWATERS
		Common Name	CAS ⁴ Number	Concentration in mg/l ² , or Technology Code ⁴		
		PoCDFs (All Pentachlorobenzofluorans)	NA	0.000035	0.001	
		TCDDs (All Tetrachlorobenzene-p-dioxins)	NA	0.000083	0.001	
		TCDFs (All Tetrachlorobenzofluorans)	NA	0.000083	0.001	
K100	Waste leaching solution from acid leaching of emission control dust/sludge from secondary lead smelting.	Cadmium	7440-43-9	0.69	0.19 mg/l TCLP	
		Chromium (Total)	7440-47-3	2.77	0.86 mg/l TCLP	
		Lead	7439-92-1	0.89	0.37 mg/l TCLP	
K101	Distillation tar residues from the distillation of aniline-based compounds in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.	c-Nitroaniline	88-74-4	0.27	14	
		Arsenic	7440-38-2	1.4	5.0 mg/l TCLP	
		Cadmium	7440-43-9	0.69	NA	
		Lead	7439-92-1	0.69	NA	
		Mercury	7439-97-6	0.16	NA	
K102	Residue from the use of activated carbon for decolorization in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.	c-Nitrophenol	88-75-5	0.028	13	
		Arsenic	7440-38-2	1.4	5.0 mg/l TCLP	
		Cadmium	7440-43-9	0.69	NA	
		Lead	7439-92-1	0.69	NA	
		Mercury	7439-97-6	0.15	NA	
K103	Process residues from aniline extraction from the production of aniline.	Aniline	62-53-3	0.81	14	
		Benzene	71-43-2	0.14	10	
		2,4-Dinitrophenol	51-28-5	0.12	160	
		Nitrobenzene	98-95-3	0.068	14	
		Phenol	108-98-2	0.039	6.2	
K104	Combined wastewater streams generated from nitrobenzene/ aniline production.	Aniline	62-53-3	0.81	14	
		Benzene	71-43-2	0.14	10	
		2,4-Dinitrophenol	51-28-5	0.12	160	
		Nitrobenzene	98-95-3	0.068	14	
		Phenol	108-98-2	0.039	6.2	
		Cyanides (Total) ⁵	57-12-5	1.2	590	
K105	Separated aqueous stream from the reactor product washing step in the production of chlorobenzenes.	Benzene	71-43-2	0.14	10	

¹Separated aqueous stream from the reactor product washing step in the production of chlorobenzenes.

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS ² Number	Concentration in mg/L ³ , or Technology Code	Concentration in mg/kg ⁴ , unless noted as "mg/l TCLP"; or Technology Code	Concentration in mg/kg ⁵ , or Technology Code	Concentration in mg/l TCLP
		Chlorobenzene	108-90-7	0.057	6.0	6.0	
		2-Chlorophenol	95-57-8	0.044	5.7	5.7	
		o-Dichlorobenzene	95-50-1	-0.088	6.0	6.0	
		p-Dichlorobenzene	108-46-7	0.090	6.0	6.0	
		Phenol	108-95-2	0.039	6.2	6.2	
		2,4,5-Trichlorophenol	95-95-4	0.18	7.4	7.4	
		2,4,6-Trichlorophenol	88-06-2	0.035	7.4	7.4	
K106	K106 (wastewater treatment sludge from the mercury cell process in chlorine production) nonwastewaters that contain greater than or equal to 260 mg/kg total mercury.	Mercury	7439-97-6	NA	RMERC	RMERC	
	K106 (wastewater treatment sludge from the mercury cell process in chlorine production) nonwastewaters that contain less than 260 mg/kg total mercury that are residues from RMERC.	Mercury	7439-97-6	NA	0.20 mg/l TCLP	0.20 mg/l TCLP	
	Other K106 nonwastewaters that contain less than 260 mg/kg total mercury and are not residues from RMERC.	Mercury	7439-97-6	NA	0.025 mg/l TCLP	0.025 mg/l TCLP	
	All K106 wastewaters.	Mercury	7439-97-6	0.15	NA	NA	
K107	Column bottoms from product separation from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides.	NA	NA	INCIN; or CHOXD fb CARBN; or BLODS fb CARBN	INCIN	INCIN	
K108	Condensed column overheads from product, separation and condensed reactor vent gases from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides.	NA	NA	INCIN; or CHOXD fb CARBN; or BLODS fb CARBN	INCIN	INCIN	
K109	Spent filter cartridges from product purification from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides.	NA	NA	INCIN; or CHOXD fb CARBN; or BLODS fb CARBN	INCIN	INCIN	
K110	Condensed column overheads from intermediate separation from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides.	NA	NA	INCIN; or CHOXD fb CARBN; or BLODS fb CARBN	INCIN	INCIN	
K111	Product wastewaters from the production of dinitrotoluene via nitration of toluene	2,4-Dinitrotoluene	121-12-2	0.32	140	140	
		2,6-Dinitrotoluene	606-20-2	0.55	28	28	
K112	Reaction by-product water from the drying column in the production of toluidinediamine via hydrogenation of dinitrotoluene.	NA	NA	INCIN; or CHOXD fb CARBN; or BLODS fb CARBN	INCIN	INCIN	
K113	Condensed liquid light ends from the purification of toluidinediamine in the production of toluidinediamine via hydrogenation of dinitrotoluene.	NA	NA	CARBN; or INCIN	CMBST	CMBST	
K114	Vicinal from the purification of toluidinediamine in the production of toluidinediamine via hydrogenation of dinitrotoluene.	NA	NA	CARBN; or INCIN	CMBST	CMBST	
K115	Heavy ends from the purification of toluidinediamine in the production of toluidinediamine via hydrogenation of dinitrotoluene.	Nickel	7440-02-0	3.98	5.0 mg/l TCLP	5.0 mg/l TCLP	

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS ² Number	Concentration in mg/l ³ ; or Technology Code ⁴	Concentration in mg/kg ⁵ ; unless noted as "mg/l TCLP"; or Technology Code	CARBIN; or INCIN	CARBIN; or INCIN
K116	Organic condensate from the solvent recovery column in the production of toluene diisocyanate via phageneration of toluenediamine.	NA	NA	NA	NA	CARBIN; or INCIN	CMBST
K117	Wastewater from the reactor vent gas scrubber in the production of ethylene dibromide via bromination of ethene.	NA	NA	NA	NA	CARBIN; or INCIN	CMBST
K118	Spent absorbent solids from purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.	Methyl bromide (Bromomethane) Chloroform Ethylene dibromide (1,2-Dibromoethane)	74-83-9 67-66-3 108-93-4	0.11 0.046 0.028	15 6.0 15	15 6.0 15	15 6.0 15
K123	Process wastewater (including supernates, filtrates, and washwaters) from the production of ethylenedibithiocarbamic acid and its salts.	NA	NA	NA	INCIN; or CHOXD 1b (B10DG or CARBN)	INCIN	INCIN
K124	Reactor vent scrubber water from the production of ethylenedibithiocarbamic acid and its salts.	NA	NA	NA	INCIN; or CHOXD 1b (B10DG or CARBN)	INCIN	INCIN
K125	Filtration, evaporation, and centrifugation solids from the production of ethylenedibithiocarbamic acid and its salts.	NA	NA	NA	INCIN; or CHOXD 1b (B10DG or CARBN)	INCIN	INCIN
K126	Baghouse dust and floor sweepings in milling and packaging operations from the production or formulation of ethylenedibithiocarbamic acid and its salts.	NA	NA	NA	INCIN; or CHOXD 1b (B10DG or CARBN)	INCIN	INCIN
K131	Wastewater from the reactor and spent sulfuric acid from the acid dryer from the production of methyl bromide.	Methyl bromide (Bromomethane)	74-83-9	0.11	15	15	15
K132	Spent absorbent and wastewater separator solids from the production of methyl bromide.	Methyl bromide (Bromomethane)	74-83-9	0.11	15	15	15
K136	Still bottoms from the purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.	Methyl bromide (Bromomethane) Chloroform Ethylene dibromide (1,2-Dibromoethane)	74-83-9 67-66-3 108-93-4	0.11 0.046 0.028	15 6.0 15	15 6.0 15	15 6.0 15
K141	Process residues from the recovery of coal tar, including but not limited to, collecting sump residue from the production of coke or the recovery of coke by-products produced from coal. This listing does not include K087 (decanter tank tar sludge from coking operations).	Benzene Benzolethiophene Benzololeprene	71-43-2 56-55-3 50-2-8	0.14 0.059 0.061	10 3.4 3.4	10 6.8 6.8	10 3.4 3.4
		Benzol(b)fluoranthene difficult to distinguish from benzol(k)fluoranthene	205-99-2	0.11			
		Benzol(b)fluoranthene (difficult to distinguish from benzol(b)fluoranthene)	207-08-9	0.11			
		Chrysene	218-01-9	0.059			
		Dibenzo(a,h)anthracene	53-70-3	0.055			

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT			WASTEWATERS	NONWASTEWATERS
		Common Name	CAS ² Number	Concentration in mg/l ³ or Technology Code ⁴		
K142	Tar storage tank residues from the production of coke from coal or from the recovery of coke by-products produced from coal.	Indanol[1,2,3-cd]pyrenes	193-39-5	0.0055	Concentration in mg/l ³ , unless noted as "mg/l TCLP"; or Technology Code	3.4
		Benzene	71-43-2	0.14		
		Benz[a]anthracene	56-55-3	0.059		
		Benz[a]pyrene	50-32-8	0.061		
		Benz[b]fluoranthene (difficult to distinguish from benz[b]fluoranthene)	205-39-2	0.11		
		Benz[c]fluoranthene (difficult to distinguish from benz[b]fluoranthene)	207-08-9	0.11		
		Chrysene	218-01-9	0.059		
		Dibenz[a,h]anthracene	63-70-3	0.055		
		Indanol[1,2,3-cd]pyrene	193-39-5	0.0055		
		Benzene	71-43-2	0.14		
K143	Process residues from the recovery of light oil, including, but not limited to, those generated in stills, decanters, and wash oil recovery units from the recovery of coke by-products produced from coal.	Benz[a]anthracene	56-55-3	0.059	3.4	10
		Benz[a]pyrene	50-32-8	0.061		
		Benz[b]fluoranthene (difficult to distinguish from benz[b]fluoranthene)	205-39-2	0.11		
		Benz[c]fluoranthene (difficult to distinguish from benz[b]fluoranthene)	207-08-9	0.11		
		Chrysene	218-01-9	0.059		
		Benzene	71-43-2	0.14		
		Benz[a]anthracene	56-55-3	0.059		
		Benz[a]pyrene	50-32-8	0.061		
		Benz[b]fluoranthene (difficult to distinguish from benz[b]fluoranthene)	205-39-2	0.11		
		Chrysene	218-01-9	0.059		
K144	Wastewater sump residues from light oil refining, including, but not limited to, intercepting or contaminating sump sludges from the recovery of coke by-products produced from coal.	Benzene	71-43-2	0.14	10	3.4
		Benz[a]anthracene	56-55-3	0.059		
		Benz[a]pyrene	50-32-8	0.061		
		Benz[b]fluoranthene (difficult to distinguish from benz[b]fluoranthene)	205-39-2	0.11		
		Benz[c]fluoranthene (difficult to distinguish from benz[b]fluoranthene)	207-08-9	0.11		
		Chrysene	218-01-9	0.059		
K145	Residues from naphthalene collection and recovery operations from the recovery of coke by-products produced from coal.	Dibenz[a,h]anthracene	63-70-3	0.055	8.2	3.4
		Benzene	71-43-2	0.14		
		Benz[a]anthracene	56-55-3	0.059		
		Benz[a]pyrene	50-32-8	0.061		

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ^y	REGULATED HAZARDOUS CONSTITUENT			WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS ^x Number	Concentration in mg/m ³ , or Technology Code	Concentration in mg/kg ^z , unless noted as "mg TCLP", or Technology Code			
		Chrysene	218-01-9	0.059		3.4		
		Dibenz(a,h)anthracene	53-70-3	0.055		8.2		
		Naphthalene	91-20-3	0.059		6.6		
K147	Tar storage tank residues from coal tar refining.	Benzene	71-43-2	0.14		10		
		Benz(a)anthracene	56-55-3	0.059		3.4		
		Benzotoluene	50-32-8	0.081		3.4		
		Benz(b)fluoranthene (difficult to distinguish from benz(c)fluoranthene)	205-99-2	0.11		6.8		
		Benz(k)fluoranthene (difficult to distinguish from benz(c)fluoranthene)	207-08-9	0.11		6.8		
		Chrysene	218-01-9	0.059		3.4		
		Dibenz(a,h)anthracene	53-70-3	0.056		8.2		
		Indeno[1,2,3-c]pyrene	193-39-5	0.0055		3.4		
K148	Residues from coal tar distillation, including, but not limited to, still bottoms.	Benz(a)anthracene	56-55-3	0.059		3.4		
		Benzotoluene	50-32-8	0.061		3.4		
		Benz(b)fluoranthene (difficult to distinguish from benz(c)fluoranthene)	205-99-2	0.11		6.8		
		Benz(k)fluoranthene (difficult to distinguish from benz(c)fluoranthene)	207-08-9	0.11		6.8		
		Chrysene	218-01-9	0.059		3.4		
		Dibenz(a,h)anthracene	53-70-3	0.055		8.2		
		Indeno[1,2,3-c]pyrene	193-39-5	0.0055		3.4		
K149	Distillation bottoms from the production of alpha-(or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups. (This waste does not include still bottoms from the distillations of benzoyl chloride.)	Chlorobenzene	108-90-7	0.057		6.0		
		Chloroform	67-66-3	0.046		6.0		
		Chloromethane	74-87-3	0.19		30		
		p-Dichlorobenzene	106-48-7	0.090		6.0		
		Hexachlorobenzene	118-74-1	0.056		10		
		Pentachlorobenzene	608-53-5	0.056		10		
		1,2,4,5-Tetrachlorobenzene	95-94-3	0.055		14		
		Toluene	108-48-3	0.080		10		

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT			WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS Number	Concentration in mg/l ^a , or Technology Code ^b	Concentration in mg/Kg ^c , unless noted as "mg/l TCLP"; or Technology Code	Concentration in mg/l ^a , or Technology Code ^b	Concentration in mg/l ^c , or Technology Code	
K150	Organic residuals, excluding spent carbon adsorbent, from the spent chlorine gas and hydrochloric acid recovery processes associated with the production of alpha-(or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups.	Carbon tetrachloride	66-23-5	0.057	6.0			
		Chloroform	67-66-3	0.046	6.0			
		Chloromethane	74-97-3	0.19	30			
		p-Dichlorobenzene	108-46-7	0.080	6.0			
		Hexachlorobenzene	118-74-1	0.065	10			
		Pentachlorobenzene	608-93-5	0.055	10			
		1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14			
		1,1,2,2-Tetrachloroethane	78-34-5	0.067	6.0			
		Tetrachloroethylene	127-18-4	0.056	6.0			
		1,2,4-Trichlorobenzene	120-82-1	0.055	19			
		Benzene	71-43-2	0.14	10			
		Carbon tetrachloride	56-23-5	0.057	6.0			
		Chloroform	67-66-3	0.046	6.0			
		Hexachlorobenzene	118-74-1	0.055	10			
		Pentachlorobenzene	608-93-5	0.055	10			
		1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14			
		Tetrachloroethylene	127-18-4	0.056	6.0			
		Toluene	108-88-3	0.050	10			
P001	Warfarin, & salts, when present at concentrations greater than 0.3%	Warfarin	81-81-2	(WE _{TOX} or CH _{OXD}) fb CARBN; or INCIN	CMBST			
P002	1-Acetyl-2-thioureas	1-Acetyl-2-thiourea	591-08-2	(WE _{TOX} or CH _{OXD}) fb CARBN; or INCIN	INCIN			
P003	Acrolein	Acrolein	107-02-8	0.29	CMBST			
P004	Aldrin	Aldrin	309-00-2	0.021	0.066			
P005	Allyl alcohol	Allyl alcohol ^d	107-18-6	(WE _{TOX} or CH _{OXD}) fb CARBN; or INCIN	CMBST			
P006	Aluminum phosphide	Aluminum phosphide	20869-73-8	CH _{OXD} ; CH _{RED} ; or INCIN	CH _{OXD} ; CH _{RED} ; or INCIN			
P007	5-Aminomethyl 3-oxazolidol		2763-96-4	(WE _{TOX} or CH _{OXD}) fb CARBN; or INCIN	INCIN			
P008	4-Aminopyridine		504-24-5	(WE _{TOX} or CH _{OXD}) fb CARBN; or INCIN	INCIN			

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS ² Number	Concentration in mg/l ³ , unless noted as "mg/l TCLP"; or Technology Code*	CHOXD; CHRED; CARBN; BIODG; or INCIN	CHOXD; CHRED; or CMBST	Concentration in mg/kg ⁴ , unless noted as "mg/l TCLP"; or Technology Code*
P009	Ammonium picrate		131-74-8	CHOXD; CHRED; CARBN; BIODG; or INCIN	CHOXD; CHRED; or CMBST		
P010	Arsenic acid	Arsenic	7440-38-2	1.4	5.0 mg/l TCLP		
P011	Arsenic pentoxide	Arsenic	7440-38-2	1.4	5.0 mg/l TCLP		
P012	Arsenic trioxide	Arsenic	7440-38-2	1.4	5.0 mg/l TCLP		
P013	Barium cyanide	Barium	7440-39-3	NA	7.6 mg/l TCLP		
		Cyanides (Total) ⁷	57-12-6	1.2	590		
		Cyanides (Amenable) ⁷	57-12-5	0.86	30		
P014	Thiophenol (Benzene thiol)		108-86-5	(WETOX or CHOXD) fb CARBN; or INCIN	INCIN		
P015	Beryllium dust	Beryllium	7440-41-7	RMETL; or RTHRM	RMETL; or RTHRM		
P016	Dichloromethyl ether (Bis(chloromethyl)ether)	Dichloromethyl ether	542-88-1	(WETOX or CHOXD) fb CARBN; or INCIN	INCIN		
P017	Bromacetone	Bromacetone	698-31-2	(WETOX or CHOXD) fb CARBN; or INCIN	INCIN		
P018	Brucine	Brucine	367-67-3	(WETOX or CHOXD) fb CARBN; or INCIN	INCIN		
P020	2-sec-Butyl-4,6-dinitrophenol (Dinosab)	2-sec-Butyl-4,6-dinitrophenol (Dinosab)	88-95-7	0.086	2.6		
P021	Calcium cyanide	Cyanides (Total) ⁷	57-12-6	1.2	590		
		Cyanides (Amenable) ⁷	57-12-5	0.86	30		
P022	Carbon disulfide		76-16-0	3.8	INCIN		
		Carbon disulfide; alternate* standard for nonwastewaters only	76-16-0	NA	4.8 mg/l TCLP		
P023	Chloroacetaldehyde		107-20-0	(WETOX or CHOXD) fb CARBN; or INCIN	INCIN		
P024	p-Chloranilic	p-Chloraniline	106-47-8	0.46	16		
P026	1-(o-Chlorophenyl)thiourea		5344-82-1	(WETOX or CHOXD) fb CARBN; or INCIN	INCIN		
P027	3-Chloropropionitrile		542-76-7	(WETOX or CHOXD) fb CARBN; or INCIN	INCIN		
P028	Benzyl chloride		100-44-7	(WETOX or CHOXD) fb CARBN; or INCIN	INCIN		
P029	Copper cyanide	Cyanides (Total) ⁷	57-12-5	1.2	590		

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS
		Common Name	CAS ² Number	Concentration in mg/l ³ , or Technology Code ⁴	Concentration in mg/kg ⁵ , unless noted as "mg/l TCLP"; or Technology Code	
	Cyanides (Amenable) ⁷		57-12-5	0.86		30
	Cyanides (Total) ⁷		57-12-5	1.2		690
	Cyanides (Amenable) ⁷		57-12-5	0.86		30
P031	Cyrogen	Cyrogen	460-19-5	CHOXD; WETOX; or INCIN	CHOXD; WETOX; or INCIN	
P033	Cyrogen chloride	Cyrogen chloride	506-77-4	CHOXD; WETOX; or INCIN	CHOXD; WETOX; or INCIN	
P034	2-Cyclohexyl-4,6-dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	131-88-5	(WETOX or CHOXD) fb CARBN; or INCIN	INCIN	
P036	Dichlorophenyldarazine	Arsenic	7440-38-2	1.4	5.0 mg/l TCLP	
P037	Dieidrin	Dieidrin	90-57-1	0.017	0.13	
P038	Diethylarsine	Arsenic	7440-38-2	1.4	5.0 mg/l TCLP	
P039	Disulfoton	Disulfoton	298-04-4	0.017	6.2	
P040	O,O-Diethyl O-pyrazinyl phosphorothioate	O,O-Diethyl O-pyrazinyl phosphorothioate	297-97-2	CARBN; or INCIN	CMBST	
P041	Diethyl-p-nitrophenyl phosphate	Diethyl-p-nitrophenyl phosphate	311-48-5	CARBN; or INCIN	CMBST	
P042	Ephedrine	Ephedrine	51-43-4	(WETOX or CHOXD) fb CARBN; or INCIN	INCIN	
P043	Dilisopropylfluorophosphate (DFP)	Dilisopropylfluorophosphate (DFP)	65-91-4	CARBN; or INCIN	CMBST	
P044	Dimethoate	Dimethoate	60-51-5	CARBN; or INCIN	CMBST	
P045	Thifanox	Thifanox	38198-18-4	(WETOX or CHOXD) fb CARBN; or INCIN	INCIN	
P046	alpha, alpha-Dimethylphenethylamine	alpha, alpha-Dimethylphenethylamine	122-08-8	(WETOX or CHOXD) fb CARBN; or INCIN	INCIN	
P047	4,6-Dinitro-o-cresol	4,6-Dinitro-o-cresol	543-62-1	0.28	160	
	4,6-Dinitro-o-cresol salts	NA	NA	(WETOX or CHOXD) fb CARBN; or INCIN	INCIN	
P048	2,4-Dinitrophenol	2,4-Dinitrophenol	51-28-5	0.12	160	
P049	Dithiobisuret	Dithiobisuret	541-53-7	(WETOX or CHOXD) fb CARBN; or INCIN	INCIN	
P050	Endosulfan I		939-98-8	0.023	0.066	
	Endosulfan II		33213-8-5	0.029	0.13	
	Endosulfan sulfate		1031-07-8	0.029	0.13	
P051	Endrin		72-20-8	0.0028	0.13	

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		Concentration in mg/l ^a ; or Technology Code	Concentration in mg/kg ^b ; unless noted as "mg/l TCLP"; or Technology Code	NONWASTEWATERS	
		Common Name	CAS ^c Number			WASTEWATERS	INCIN
P054	Azidine	Erdin aldehyde	7421-93-4	0.025	(WETOX or CHOXD) fb CARBN; or INCIN	0.13	INCIN
P056	Fluorine	Azidine	151-56-4	(WETOX or CHOXD) fb CARBN; or INCIN			
P057	Fluoroacetamide	Fluoride (measured in wastewater only)	16964-48-8	35	ADGAs fb NEUTR		
P058	Fluoroacetic acid, sodium salt	Fluoroacetamide	640-19-7	(WETOX or CHOXD) fb CARBN; or INCIN		INCIN	INCIN
P059	Heptachlor	Fluoroacetic acid, sodium salt	62-74-8	(WETOX or CHOXD) fb CARBN; or INCIN		INCIN	INCIN
P060	Iodofin	Heptachlor epoxide	78-44-8		0.0012	0.066	
P062	Hexethyl tetraphosphate	Iodofin	1024-57-3		0.016	0.066	
P063	Hydrogen cyanide	Hexethyl tetraphosphate	468-73-6		0.021	0.066	
P064	Isocyanic acid, ethyl ester	Cyanides (Total) ^d	757-58-4	CARBN; or INCIN	1.2	580	CMEST
P065	P065 (mercury fulminate) nonwastewaters, regardless of their total mercury content, that are not incinerator residues or are not residues from RIMERC.	Cyanides (Aminable)?	67-12-5		0.36	30	
P066	P065 (mercury fulminate) nonwastewaters that are either incinerator residues or are residues from RIMERC; and contain greater than or equal to 260 mg/kg total mercury.	Isocyanic acid, ethyl ester	624-83-9	(WETOX or CHOXD) fb CARBN; or INCIN		INCIN	INCIN
P067	All P065 (mercury fulminate) wastewaters.	Mercury	7439-97-6		NA		IMERC
P068	Methyl	Mercury	7339-97-6		NA		RIMER
P069	2-Methyl-aziridine	Mercury	7439-97-6		NA	0.20 mg/l TCLP	
	Methomyl	Mercury	7439-97-6		NA	0.026 mg/l TCLP	
P066	Methyl-aziridine	Mathomyl	16752-77-5	(WETOX or CHOXD) fb CARBN; or INCIN	0.15	NA	INCIN
P068	Methyl hydrazine	2-Methyl-aziridine	75-55-8	(WETOX or CHOXD) fb CARBN; or INCIN			
P069	2-Methylhydrazine	Methyl hydrazine	60-34-4	CHOXD; CHRED; CARBN; BIODG; or INCIN		CHOXD; CHRED; or CMEST	
	2-Methyllactonitrile	2-Methylhydrazine	75-86-5	(WETOX or CHOXD) fb CARBN; or INCIN		INCIN	

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS ² Number	Concentration in mg/l ³ ; or Technology Code ⁴	Concentration in mg/kg ⁵ ; unless noted as mg/l TCLP; or Technology Code	INCIN	INCIN
P070	Aldicarb	Aldicarb	116-06-3	(WE TOX or CHOXD) fb CARBN; or INCIN			
P071	Methyl parathion	Methyl parathion	298-00-0	0.014		4.6	
P072	1-Naphthyl-2-thiourea	1-Naphthyl-2-thiourea	86-98-4	(WE TOX or CHOXD) fb CARBN; or INCIN			
P073	Nickel carbonyl	Nickel	7440-02-0	3.98		5.0 mg/l TCLP	
P074	Nickel cyanide	Cyanides (Total) ⁷	57-12-5	1.2		690	
P075	Nicotine and salts	Cyanides (Amenable) ⁷	57-12-5	0.86		30	
P076	Nitric oxide	Nicotine and salts	7440-02-0	3.98		5.0 mg/l TCLP	
P077	p-Nitroaniline	Nitric oxide	54-11-5	(WE TOX or CHOXD) fb CARBN; or INCIN			
P078	Nitrogen dioxide	p-Nitroaniline	101-02-3	ADGAS			
P081	Nitrophenol	Nitrogen dioxide	100-01-6	0.028		28	
P082	N-Nitrosodimethylamine	Nitrophenol	101-02-4	ADGAS			
P084	N-Nitrosoethylvinylamine	N-Nitrosodimethylamine	55-83-0	CHOXD; CHRED; CARBN; BIODG; or INCIN			
P085	Octamethylpyrophosphoramide	N-Nitrosoethylvinylamine	62-75-9	CHOXD; CHRED; or CMEST			
P087	Osmium tetroxide	Octamethylpyrophosphoramide	45-49-0	(WE TOX or CHOXD) fb CARBN; or INCIN			
P088	Endothall	Gumum tetroxide	152-16-9	CARBN; or INCIN			
P089	Parathion	Endothall	20816-12-0	RMETL; or RTHRM			
		Parathion	145-73-3	(WE TOX or CHOXD) fb CARBN; or INCIN			
P092	Parathion	Parathion	56-38-2	0.014		4.6	
		Mercury	7439-97-6	NA			
		Mercury	7439-97-6	NA			
		Mercury	7439-97-6	NA			
		Mercury	7439-97-6	NA			
		Mercury	7439-97-6	NA			

P082 (phenyl mercuric acetate) nonwastewaters, regardless of their total mercury content, that are not incinerator residues or are not residues from RMERC.

P082 (phenyl mercuric acetate) nonwastewaters that are either incinerator residues or are residues from RMERC; and still contain greater than or equal to 260 mg/kg total mercury.

P082 (phenyl mercuric acetate) nonwastewaters that are residues from RMERC and contain less than 260 mg/kg total mercury.

P082 (phenyl mercuric acetate) nonwastewaters that are incinerator residues and contain less than 260 mg/kg total mercury.

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS Concentration in mg/kg ⁴ unless noted as "mg/l TCLP"; or Technology Code
		Common Name	CAS ² Number	Concentration in mg/l ³ or Technology Code*	INCIN	
	All P092 (phenyl mercuric acetate) wastewater.	Mercury	7439-97-6	0.15	NA	NA
P093	Phenylthiourea	Phenyliothiourea	103-85-5	(WE ⁵ TOX or CHOXD) fb CARBN; or INCIN	INCIN	INCIN
P094	Phorate	Phorate	288-02-2	0.021	4.6	INCIN
P095	Phosgene	Phosgene	75-44-5	(WE ⁵ TOX or CHOXD) fb CARBN; or INCIN	INCIN	INCIN
P096	Phosphine	Phosphine	7803-51-2	CHOXD; CHRED; or INCIN	CHOXD; CHRED; or INCIN	CHOXD; CHRED; or INCIN
P097	Famphur	Famphur	62-86-7	0.017	15	
P098	Potassium cyanide	Cyanides (Total) ⁷	57-12-5	1.2	590	
P099	Potassium silver cyanide	Cyanides (Amenable) ⁷	57-12-5	0.86	30	
P101	Ethyl cyanide (Propanenitrile)	Ethyl cyanide (Propanenitrile)	107-12-0	0.24	360	
P102	Propargyl alcohol	Propargyl alcohol	107-18-7	(WE ⁵ TOX or CHOXD) fb CARBN; or INCIN	CMBSST	CMBSST
P103	Selenourea	Selenium	7782-49-2	0.82	0.16 mg/l TCLP	
P104	Silver cyanide	Cyanides (Total) ⁷	57-12-5	1.2	590	
		Cyanides (Amenable) ⁷	57-12-5	0.86	30	
P105	Sodium cyanide	Silver	7440-22-4	0.43	0.30 mg/l TCLP	
P106	Sodium azide	Sodium azide	26828-22-8	CHOXD; CHRED; CARBN; BIODG; or INCIN	CHOXD; CHRED; or CMBSST	CHOXD; CHRED; or CMBSST
P108	Strychnine and salts	Cyanides (Total) ⁷	57-12-5	1.2	590	
P109	Tetraethylthiopyrophosphate	Strychnine and salts	57-24-9	(WE ⁵ TOX or CHOXD) fb CARBN; or INCIN	INCIN	INCIN
P110	Tetraethyl lead	Tetraethylthiopyrophosphate	3689-24-5	CARBNI; or INCIN	CMBSST	CMBSST
P111	Tetraethylpyrophosphate	Lead	7439-92-1	0.89	0.37 mg/l TCLP	0.37 mg/l TCLP
P112	Tetrantromethane	Tetraethylpyrophosphate	107-49-3	CARBNI; or INCIN	CMBSST	CMBSST
		Tetranitromethane	509-14-8	CHOXD; CHRED; CARBN; BIODG; or INCIN	CHOXD; CHRED; or CMBSST	CHOXD; CHRED; or CMBSST

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS ³ Number	Concentration in mg/l ⁴ , or Technology Code ⁵	Concentration in mg/kg ⁶ , unless noted as "mg/l TCIP"; or Technology Code	STABIL	STABIL
P113	Thallic oxide	Thallium (measured in wastewaters only)	7440-28-0	1.4	0.16 mg/l TCIP	RTHRM; or STABL	RTHRM; or STABL
P114	Thallium selenite	Selenium	7782-49-2	0.82	0.16 mg/l TCIP	RTHRM; or STABL	RTHRM; or STABL
P115	Thallium (I) sulfate	Thallium (measured in wastewaters only)	7440-28-0	1.4	0.16 mg/l TCIP	RTHRM; or STABL	RTHRM; or STABL
P116	Thiocemicarbazide	Thiocemicarbazide	79-19-6	(WE _{TOX} or CH _{OXD}) fd CARBN; or INCIN	(WE _{TOX} or CH _{OXD}) fd CARBN; or INCIN	INCIN	INCIN
P118	Trichloromethanethiol	Trichloromethanethiol	75-70-7	(WE _{TOX} or CH _{OXD}) fd CARBN; or INCIN	(WE _{TOX} or CH _{OXD}) fd CARBN; or INCIN	INCIN	INCIN
P119	Ammonium vanadate	Vanadium (measured in wastewaters only)	7440-62-2	4.3	4.3	STABIL	STABIL
P120	Vanadium pentoxide	Vanadium (measured in wastewaters only)	7440-62-2	4.3	4.3	STABIL	STABIL
P121	Zinc cyanide	Cyanides (Total) ⁷	57-12-5	1.2	590		
P122	Zinc phosphide Zn ₃ P ₂ , when present at concentrations greater than 10%	Cyanides (Amenable)?	57-12-5	0.86	30		
P123	Toxaphene	Zinc Phosphide	1314-84-7	CH _{OXD} ; CH _{RED} ; or INCIN	CH _{OXD} ; CH _{RED} ; or INCIN		
U001	Acetaldehyde	Toxaphene	8001-35-2	0.0095	2.6		
U002	Acetone	Acetaldehyde	75-07-0	(WE _{TOX} or CH _{OXD}) fd CARBN; or INCIN	(WE _{TOX} or CH _{OXD}) fd CARBN; or INCIN	CMBST	CMBST
U003	Acetonitrile	Acetone	67-64-1	0.28	160		
U004	Acetophenone	Acetonitrile	75-05-8	5.6	1.8	INCIN	INCIN
U005	2-Acetylaminofluorene	Acetophenone	98-56-2	0.010	9.7		
U006	Acetyl chloride	2-Acetylaminofluorene	63-96-3	0.059	140		
U007	Acrylamide	Acetyl Chloride	76-36-5	(WE _{TOX} or CH _{OXD}) fd CARBN; or INCIN	(WE _{TOX} or CH _{OXD}) fd CARBN; or INCIN	INCIN	INCIN
U008	Acrylic acid	Acrylamide	78-06-1	(WE _{TOX} or CH _{OXD}) fd CARBN; or INCIN	(WE _{TOX} or CH _{OXD}) fd CARBN; or INCIN	INCIN	INCIN
U009	Acrylonitrile	Acrylic acid	79-10-7	(WE _{TOX} or CH _{OXD}) fd CARBN; or INCIN	(WE _{TOX} or CH _{OXD}) fd CARBN; or INCIN	CMBST	CMBST
U010	Mitomycin C	Acrylonitrile	107-13-1	0.24	84		
U011	Amitrole	Mitomycin C	50-07-7	(WE _{TOX} or CH _{OXD}) fd CARBN; or INCIN	(WE _{TOX} or CH _{OXD}) fd CARBN; or INCIN	INCIN	INCIN
U012	Aniline	Amitrole	61-52-5	(WE _{TOX} or CH _{OXD}) fd CARBN; or INCIN	(WE _{TOX} or CH _{OXD}) fd CARBN; or INCIN	INCIN	INCIN
		Aniline	82-53-3	0.81	14		

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS* Number	Concentration in mg/l ^b ; or Technology Code ^c	Concentration in mg/l ^a ; unless noted as "mg/l TCLP"; or Technology Code	INCIN	INCIN
U014	Auramine	Auramine	492-86-8	(WE TOX or CH OX D) fb CARBN; or INCIN	(WE TOX or CH OX D) fb CARBN; or INCIN	INCIN	INCIN
U015	Azaserine	Azaserine	116-02-6	(WE TOX or CH OX D) fb CARBN; or INCIN	(WE TOX or CH OX D) fb CARBN; or INCIN	INCIN	INCIN
U016	Benz(c)acridine	Benz(c)acridine	226-51-4	(WE TOX or CH OX D) fb CARBN; or INCIN	(WE TOX or CH OX D) fb CARBN; or INCIN	CMRST	CMRST
U017	Benzal chloride	Benzal chloride	98-87-3	(WE TOX or CH OX D) fb CARBN; or INCIN	(WE TOX or CH OX D) fb CARBN; or INCIN	INCIN	INCIN
U018	Benz(a)anthracene	Benz(a)anthracene	56-56-3	0.058	0.058	3.4	3.4
U019	Benzene	Benzene	71-43-2	0.14	0.14	10	10
U020	Benzeneulfonyl chloride	Benzeneulfonyl chloride	98-09-9	(WE TOX or CH OX D) fb CARBN; or INCIN	(WE TOX or CH OX D) fb CARBN; or INCIN	INCIN	INCIN
U021	Benzidine	Benzidine	92-87-5	(WE TOX or CH OX D) fb CARBN; or INCIN	(WE TOX or CH OX D) fb CARBN; or INCIN	INCIN	INCIN
U022	Benzofluorene	Benzofluorene	50-32-8	0.081	0.081	3.4	3.4
U023	Benzotrichloride	Benzotrichloride	98-07-7	CH OX D; CH RED; CARBN; BIODG; or INCIN	CH OX D; CH RED; or CMRST	INCIN	INCIN
U024	bis(2-Chloroethoxy)methane	bis(2-Chloroethoxy)methane	111-91-1	0.036	0.036	7.2	7.2
U025	bis(2-Chloroethyl)ether	bis(2-Chloroethyl)ether	111-44-4	0.033	0.033	6.0	6.0
U026	Chlorophazine	Chlorophazine	494-03-1	(WE TOX or CH OX D) fb CARBN; or INCIN	(WE TOX or CH OX D) fb CARBN; or INCIN	INCIN	INCIN
U027	bis(2-Chloroethylpropyl)ether	bis(2-Chloroethylpropyl)ether	39636-32-9	(WE TOX or CH OX D) fb CARBN; or INCIN	(WE TOX or CH OX D) fb CARBN; or INCIN	INCIN	INCIN
U028	bis(2-Ethylenoxy) phthalate	bis(2-Ethylenoxy) phthalate	117-81-7	0.28	0.28	28	28
U029	Methyl bromide (Bromomethane)	Methyl bromide (Bromomethane)	74-83-9	0.11	0.11	15	15
U030	4-Bromophenyl phenyl ether	4-Bromophenyl phenyl ether	101-55-3	0.055	0.055	15	15
U031	n-Butyl alcohol	n-Butyl alcohol	71-36-3	5.6	5.6	2.6	2.6
U032	Calcium chromate	Chromium (Total)	7440-47-3	2.77	2.77	0.86 mg/l TCLP	0.86 mg/l TCLP
U033	Carbon oxyfluoride	Carbon oxyfluoride	363-50-4	(WE TOX or CH OX D) fb CARBN; or INCIN	(WE TOX or CH OX D) fb CARBN; or INCIN	INCIN	INCIN
U034	Trichloroacetaldehyde (Choral)	Trichloroacetaldehyde (Choral)	75-87-6	(WE TOX or CH OX D) fb CARBN; or INCIN	(WE TOX or CH OX D) fb CARBN; or INCIN	INCIN	INCIN
U035	Chlorambucil	Chlorambucil	305-03-3	(WE TOX or CH OX D) fb CARBN; or INCIN	(WE TOX or CH OX D) fb CARBN; or INCIN	INCIN	INCIN

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ^a	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS
		Common Name	CAS ^b Number	Concentration in mg/l ^c , or Technology Code ^d	Concentration in mg/l ^e , unless noted as "mg/l TCLP"; or Technology Code	
U036	Chlordane	Chlordane (alpha and gamma isomers)	57-74-9	0.0033	0.26	
U037	Chlorobenzene	Chlorobenzene	108-90-7	0.057	6.0	
U038	Chlorobenzilate	Chlorobenzilate	510-15-6	0.10	INCIN	
U039	p-Chloro-m-cresol	p-Chloro-m-cresol	59-50-7	0.018	14	
U041	Epoichlorohydrin (1-Chloro-2,3-epoxypropane)	Epoichlorohydrin (1-Chloro-2,3-epoxypropane)	106-89-8	(WETDX or CHOXD) fb CARBN; or INCIN	INCIN	
U042	2-Chloroethyl vinyl ether	2-Chloroethyl vinyl ether	110-75-6	0.082	INCIN	
U043	Vinyl chloride	Vinyl chloride	75-01-4	0.27	6.0	
U044	Chloroform	Chloroform	67-66-3	0.046	6.0	
U045	Chromothane (Methyl chloride)	Chromothane (Methyl chloride)	74-87-3	0.19	30	
U046	Chromomethyl methyl ether	Chromomethyl methyl ether	107-30-2	(WETDX or CHOXD) fb CARBN; or INCIN	INCIN	
U047	2-Chloroneopthalane	2-Chloroneopthalane	91-58-7	0.055	5.6	
U048	2-Chlorophenol	2-Chlorophenol	95-57-8	0.044	5.7	
U049	4-Chloro-o-tolidine hydrochloride	4-Chloro-o-tolidine hydrochloride	3185-93-3	(WETDX or CHOXD) fb CARBN; or INCIN	INCIN	
U050	Chrysene	Chrysene	218-01-9	0.059	3.4	
U051	Cresote	Naphthalene	91-20-3	0.059	5.6	
		Pentachlorophenol	87-96-6	0.089	7.4	
		Phenanthrenes	85-01-8	0.059	5.6	
		Pyrene	129-00-0	0.067	8.2	
		Toluene	108-88-3	0.080	~10	
		Xylene-mixed isomers (sum of o-, m-, and p-Xylene concentrations)	1330-20-7	0.32	30	
		Lead	7439-92-1	0.69	0.37 mg/l TCLP	
U052	Cresols (Cresylic acid)	o-Cresol	95-48-7	0.11	5.6	
		m-Cresol (difficult to distinguish from p-cresol)	108-39-4	0.77	5.6	
		p-Cresol (difficult to distinguish from m-cresol)	106-44-5	0.77	5.6	
		Cresol-mixed isomers (Cresylic acid) (sum of o-, m-, and p-cresol concentrations)	1319-77-3	0.88	11.2	

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ^a	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS NONWASTEWATERS
		Common Name	CAS ^b Number	Concentration in mg/kg ^c , unless noted as "mg/l TCLP" or Technology Code
U053	crotonaldehyde	crotonaldehyde	4170-30-3	(WETOX or CHOXD) fb CARBN; or INCIN
U055	cumene	cumene	98-82-8	(WETOX or CHOXD) fb CARBN; or INCIN
U056	cyclohexane	cyclohexane	110-82-7	(WETOX or CHOXD) fb CARBN; or INCIN
U057	cyclohexanone	cyclohexanone	108-94-1	0.36
		Cyclohexanone, alternate ^d standard for nonwastewaters only	108-94-1	NA
U058	cyclophosphamide	cyclophosphamide	60-18-0	CARBN; or INCIN
U059	daunomycin	Daunomycin	20830-81-3	(WETOX or CHOXD) fb CARBN; or INCIN
U060	DDD	o,p'-DDD	53-19-0	0.023
		p,p'-DDD	72-54-8	0.023
U061	DDT	o,p'-DDT	789-02-6	0.0039
		p,p'-DDT	50-29-3	0.0039
		o,p'-DDO	53-19-0	0.023
		p,p'-DDO	72-54-8	0.023
		o,p'-DDE	3424-82-6	0.031
		p,p'-DDE	72-55-9	0.031
U062	dialkate	dialkate	2303-16-4	(WETOX or CHOXD) fb CARBN; or INCIN
U063	dibenz(a,h)anthracene	Dibenz(a,h)anthracene	53-70-3	0.056
U064	dibenz(a,l)pyrene	Dibenz(a,l)pyrene	189-55-9	(WETOX or CHOXD) fb CARBN; or INCIN
U066	1,2-dibromo-3-chloropropane	1,2-Dibromo-3-chloropropane	98-12-8	0.11
U067	Ethylene dibromide (1,2-Dibromoethane)	Ethylene dibromide (1,2-Dibromoethane)	106-93-4	0.028
U068	Dibromomethane	Dibromomethane	74-95-3	0.11
U069	Di-n-butyl phthalate	Di-n-butyl phthalate	84-74-2	0.057
U070	o-Dichlorobenzene	o-Dichlorobenzene	95-50-1	0.088
U071	m-Dichlorobenzene	m-Dichlorobenzene	541-73-1	0.036
U072	p-Dichlorobenzene	p-Dichlorobenzene	106-48-7	0.090

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS ² Number	Concentration in mg/l ³ , or Technology Code ⁴	(WE _T O _X or CH _O XD) fb CARBN; or INCIN	Concentration in mg/kg ⁵ , unless noted as "mg/t TCLP"; or Technology Code	(WE _T O _X or CH _O XD) fb CARBN; or INCIN
U073	3,3'-Dichlorobenzidine	3,3'-Dichlorobenzidine	91-94-1	(WE _T O _X or CH _O XD) fb CARBN; or INCIN	INCIN	INCIN	INCIN
U074	1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1476-11-6	(WE _T O _X or CH _O XD) fb CARBN; or INCIN	INCIN	INCIN	INCIN
		trans-1,4-Dichloro-2-butene	764-41-0	(WE _T O _X or CH _O XD) fb CARBN; or INCIN	INCIN	INCIN	INCIN
U075	Dichlorodifluoromethane	Dichlorodifluoromethane	76-71-8	0.23	7.2		
U076	1,1-Dichloroethane	1,1-Dichloroethane	75-34-3	0.059	6.0		
U077	1,2-Dichloroethane	1,2-Dichloroethane	107-06-2	0.21	8.0		
U078	1,1-Dichloroethylene	1,1-Dichloroethylene	75-35-4	0.025	6.0		
U079	1,2-Dichloroethylene	trans-1,2-Dichloroethylene	156-80-5	0.054	30		
U080	Methylene chloride	Methylene chloride	75-09-2	0.059	30		
U081	2,4-Dichlorophenol	2,4-Dichlorophenol	120-83-2	0.044	14		
U082	2,6-Dichlorophenol	2,6-Dichlorophenol	87-46-0	0.044	14		
U083	1,2-Dichloropropene	1,2-Dichloropropene	78-87-5	0.85	18		
U084	1,3-Dichloropropylene	cis-1,3-Dichloropropylene	10061-01-5	0.036	18		
		trans-1,3-Dichloropropylene	10061-02-6	0.036	18		
U085	1,2,3,4-Tetrapropylbenzene	1,2,3,4-Tetrapropylbenzene	1484-53-5	(WE _T O _X or CH _O XD) fb CARBN; or INCIN	CMBST	CMBST	CMBST
U086	N,N'-Diethylhydrazine	N,N'-Diethylhydrazine	1615-80-1	CH _O XD; CHRED; CARBN; BODG; or INCIN	CH _O XD; CHRED; or CMBST	CH _O XD; CHRED; or CMBST	CH _O XD; CHRED; or CMBST
U087	O,O-Diethyl S-methylithiophosphate	O,O-Diethyl S-methylithiophosphate	3288-58-2	CARBIN; or INCIN	CARBIN; or INCIN	CARBIN	CMBST
U088	Diethyl phthalate	Diethyl phthalate	84-66-2	0.20	28		
U089	Diethyl stilbestrol	Diethyl stilbestrol	65-53-1	(WE _T O _X or CH _O XD) fb CARBN; or INCIN	INCIN	CMBST	CMBST
U090	Dihydrosafrole	Dihydrosafrole	94-58-6	(WE _T O _X or CH _O XD) fb CARBN; or INCIN	INCIN	CMBST	CMBST
U091	3,3'-Dimethoxybenzidine	3,3'-Dimethoxybenzidine	119-90-4	(WE _T O _X or CH _O XD) fb CARBN; or INCIN	INCIN	INCIN	INCIN
U092	Dimethylamine	Dimethylamine	124-40-3	(WE _T O _X or CH _O XD) fb CARBN; or INCIN	INCIN	INCIN	INCIN
U093	p-Dimethylaminoazobobenzene	p-Dimethylaminoazobobenzene	60-11-7	0.13			

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS
		Common Name	CAS ^a Number	Concentration in mg/l ^b , or Technology Code ^c	Concentration in mg/l ^d , unless noted as "mg/l TCLP"; or Technology Code ^e	
U094	7,11-Dimethylbenz[a]anthracene	7,11-Dimethylbenz[a]anthracene	67-97-6	(WETOX or CHOXD) ft; CARBN; or INCIN	(WETOX or CHOXD) ft; CARBN; or INCIN	CMBST
U095	3,3'-Dimethylbenzidine	3,3'-Dimethylbenzidine	119-93-7	(WETOX or CHOXD) ft; CARBN; or INCIN	(WETOX or CHOXD) ft; CARBN; or INCIN	INCIN
U096	alpha, alpha-Dimethyl benzyl hydroperoxide	alpha, alpha-Dimethyl benzyl hydroperoxide	80-16-9	CHOXD; CHRD; CARBN; BIODG; or INCIN	(WETOX or CHOXD) ft; CARBN; or INCIN	CHOXD; CHRD; or CMBST
U097	Dimethylcarbamoyl chloride	Dimethylcarbamoyl chloride	79-44-7	(WETOX or CHOXD) ft; CARBN; or INCIN	(WETOX or CHOXD) ft; CARBN; or INCIN	INCIN
U098	1,1-Dimethylhydrazine	1,1-Dimethylhydrazine	57-14-7	CHOXD; CHRD; CARBN; BIODG; or INCIN	CHOXD; CHRD; or CMBST	CHOXD; CHRD; or CMBST
U099	1,2-Dimethylhydrazine	1,2-Dimethylhydrazine	540-73-8	CHOXD; CHRD; CARBN; BIODG; or INCIN	CHOXD; CHRD; or CMBST	CHOXD; CHRD; or CMBST
U101	2,4-Dimethylphenol	2,4-Dimethylphenol	106-81-9	0.036	0.036	14
U102	Dimethyl phthalate	Dimethyl phthalate	131-11-3	0.047	0.047	28
U103	Dimethyl sulfate	Dimethyl sulfate	77-78-1	CHOXD; CHRD; CARBN; BIODG; or INCIN	CHOXD; CHRD; or CMBST	CHOXD; CHRD; or CMBST
U105	2,4-Dinitrotoluene	2,4-Dinitrotoluene	121-14-2	0.32	0.32	140
U106	2,6-Dinitrotoluene	2,6-Dinitrotoluene	608-20-2	0.66	0.66	28
U107	Di-n-octyl phthalate	Di-n-octyl phthalate	117-84-0	0.017	0.017	28
U108	1,4-Dioxane	1,4-Dioxane	123-91-1	(WETOX or CHOXD) ft; CARBN; or INCIN	(WETOX or CHOXD) ft; CARBN; or INCIN	CMBST
U109	1,2-Diphenylhydrazine	1,2-Diphenylhydrazine; alternate ^f standard for nonwastewaters only	123-91-1	NA	NA	170
U110	Dipropylamine	Dipropylamine	122-86-7	CHOXD; CHRD; CARBN; BIODG; or INCIN	CHOXD; CHRD; or CMBST	CHOXD; CHRD; or CMBST
U111	Di-n-propylnitrosoamine	Di-n-propylnitrosoamine	621-64-7	0.40	0.40	14
U112	Ethyl acetate	Ethyl acetate	141-78-6	0.34	0.34	33
U113	Ethyl acrylate	Ethyl acrylate	140-88-5	(WETOX or CHOXD) ft; CARBN; or INCIN	(WETOX or CHOXD) ft; CARBN; or INCIN	CMBST
U114	Ethylenethiodithiocarbamic acid salts and esters	Ethylenethiodithiocarbamic acid salts and esters	111-5-6	(WETOX or CHOXD) ft; CARBN; or INCIN	(WETOX or CHOXD) ft; CARBN; or INCIN	INCIN

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS Number	Concentration in mg/l ^a , or Technology Code ^b	(WE ^c TOX or CHOXD) fb CARBN; or INCIN	CHOXD; or INCIN	Concentration in mg/kg ^a , unless noted as "mg/l TCLP"; or Technology Code
U116	Ethylene oxide	Ethylene Oxide	75-21-8	(WE ^c TOX or CHOXD) fb CARBN; or INCIN	0.12	NA	INCIN
		Ethylene oxide; alternate ^e standard for wastewater only	75-21-8	(WE ^c TOX or CHOXD) fb CARBN; or INCIN	0.12	NA	INCIN
U116	Ethylene thiourea	Ethylene thiourea	98-45-7	(WE ^c TOX or CHOXD) fb CARBN; or INCIN	0.020	30	INCIN
U117	Ethyl ether	Ethyl ether	60-29-7	(WE ^c TOX or CHOXD) fb CARBN; or INCIN	0.12	160	160
U118	Ethyl methacrylate	Ethyl methacrylate	97-63-2	(WE ^c TOX or CHOXD) fb CARBN; or INCIN	0.14	160	160
U119	Ethyl methane sulfonate	Ethyl methane sulfonate	62-50-0	(WE ^c TOX or CHOXD) fb CARBN; or INCIN	0.068	3.4	INCIN
U120	Fluoranthene	Fluoranthene	206-44-0	(WE ^c TOX or CHOXD) fb CARBN; or INCIN	0.068	3.4	INCIN
U121	Trifluoromonomethylmethane	Trifluoromonomethylmethane	75-69-4	(WE ^c TOX or CHOXD) fb CARBN; or INCIN	0.020	30	CMEST
U122	Formaldehyde	Formaldehyde	50-00-0	(WE ^c TOX or CHOXD) fb CARBN; or INCIN	0.020	30	CMEST
U123	Formic acid	Formic acid	64-18-6	(WE ^c TOX or CHOXD) fb CARBN; or INCIN	0.020	30	CMEST
U124	Furan	Furan	110-00-9	(WE ^c TOX or CHOXD) fb CARBN; or INCIN	0.020	30	CMEST
U125	Furfural	Furfural	98-01-1	(WE ^c TOX or CHOXD) fb CARBN; or INCIN	0.020	30	CMEST
U126	Glycidaldehyde	Glycidaldehyde	785-34-4	(WE ^c TOX or CHOXD) fb CARBN; or INCIN	0.020	30	CMEST
U127	Hexachlorobenzene	Hexachlorobenzene	118-74-1	(WE ^c TOX or CHOXD) fb CARBN; or INCIN	0.066	10	CMEST
U128	Hexachlorobutadiene	Hexachlorobutadiene	87-68-3	(WE ^c TOX or CHOXD) fb CARBN; or INCIN	0.066	5.6	CMEST
U129	Lindane	alpha-BHC	319-84-6	(WE ^c TOX or CHOXD) fb CARBN; or INCIN	0.00014	0.066	CMEST
		beta-BHC	319-85-7	(WE ^c TOX or CHOXD) fb CARBN; or INCIN	0.00014	0.066	CMEST
		delta-BHC	319-86-8	(WE ^c TOX or CHOXD) fb CARBN; or INCIN	0.023	0.066	CMEST
		gamma-BHC (Lindane)	56-59-9	(WE ^c TOX or CHOXD) fb CARBN; or INCIN	0.0017	0.066	CMEST
U130	Hexachlorocyclopentadiene	Hexachlorocyclopentadiene	77-47-4	(WE ^c TOX or CHOXD) fb CARBN; or INCIN	0.067	2.4	INCIN
U131	Hexachloroethane	Hexachloroethane	87-72-1	(WE ^c TOX or CHOXD) fb CARBN; or INCIN	0.055	30	INCIN
U132	Hexachlorophane	Hexachlorophane	70-30-4	(WE ^c TOX or CHOXD) fb CARBN; or INCIN	0.0017	0.066	INCIN
U133	Hydrazine	Hydrazine	302-01-2	(WE ^c TOX or CHOXD) fb CARBN; or INCIN	0.0017	0.066	INCIN

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ^a	REGULATED HAZARDOUS CONSTITUENT		Concentration in mg/l ^b , unless noted as "mg/l TCLP", or Technology Code	Concentration in mg/l ^b , or Technology Code	NONWASTEWATERS
		Common Name	CAS ^c Number			
U134	Hydrogen fluoride	Fluoride (measured in wastewater only)	18964-48-8	35	ADGAS fb NEUTR; or NEUTR	
U135	Hydrogen Sulfide	Hydrogen Sulfide	7783-06-4	CHOXD; CHRED; or INCIN.	CHOXD; CHRED; or INCIN.	
U136	Cacodylic acid	Arsenic	7440-38-2	1.4	5.0 mg/l TCLP	
U137	Indeno[1,2,3-c,d]pyrene	Indeno[1,2,3-c,d]pyrene	183-39-5	0.0065	3.4	
U138	Iodomethane	Iodomethane	74-98-4	0.19	65	
U140	Isobutyl alcohol	Isobutyl alcohol	78-63-1	5.6	170	
U141	Isoeafrole	Isoeafrole	120-68-1	0.081	2.6	
U142	Kepone	Kepone	143-66-8	0.0011	0.13	
U143	Laticarpine	Laticarpine	303-34-4	(WE TOX or CHOXD) fb CARBN; or INCIN	INCIN	
U144	Lead acetate	Lead	7439-92-1	0.69	0.37 mg/l TCLP	
U145	Lead phosphate	Lead	7439-92-1	0.69	0.37 mg/l TCLP	
U146	Lead subacetate	Lead	7439-92-1	0.69	0.37 mg/l TCLP	
U147	Malic anhydride	Malic anhydride	108-31-6	(WE TOX or CHOXD) fb CARBN; or INCIN	CMBEST	
U148	Malic hydrizide	Malic hydrizide	123-39-1	(WE TOX or CHOXD) fb CARBN; or INCIN	INCIN	
U149	Malononitrile	Malononitrile	109-77-3	(WE TOX or CHOXD) fb CARBN; or INCIN	INCIN	
U160	Melphalan	Melphalan	148-82-3	(WE TOX or CHOXD) fb CARBN; or INCIN	INCIN	
U161	U161 (mercury) nonwastewaters that contain greater than or equal to 260 mg/kg total mercury	Mercury	7439-97-6	NA	RMERC	
	U161 (mercury) nonwastewaters that contain less than 260 mg/kg total mercury and that are residues from RMERC only	Mercury	7439-97-6	NA	0.20 mg/l TCLP	
	U161 (mercury) nonwastewaters that contain less than 260 mg/kg total mercury and that are not residues from RMERC.	Mercury	7439-97-6	NA	0.025 mg/l TCLP	
All U161 (mercury) wastewaters.		Mercury	7439-97-6	0.15	NA	
Elemental Mercury Contaminated with Radioactive Materials		Mercury	7439-97-6	NA	AMIGM	
U162	Methacrylonitrile	Methacrylonitrile	126-98-7	0.24	84	
U163	Methanethiol	Methanethiol	74-93-1	(WE TOX or CHOXD) fb CARBN; or INCIN	INCIN	

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS ² Number	Concentration in mg/l ³ , or Technology Code ⁴	(WETOX or CHOXD) fb CARBN; or INCIN	Concentration in mg/kg ⁵ , unless noted as "mg/l TCLP"; or Technology Code	CMBST
U154	Methanol	Methanol	67-56-1	(WETOX or CHOXD) fb CARBN; or INCIN	0.75 mg/l TCLP	0.75 mg/l TCLP	
		Methanol; alternate ⁶ set of standards for both wastewater and nonwastewaters	67-56-1				
U155	Methylpyrrolane	Methylpyrrolane	91-80-6	0.081	1.5		
U156	Methyl chlorocarbonate	Methyl chlorocarbonate	79-22-1	(WETOX or CHOXD) fb CARBN; or INCIN	INCIN	INCIN	
U157	3-Methylchloranthrene	3-Methylchloranthrene	56-49-6	0.0065	15		
U158	4,4'-Methylene bis(2-chloroaniline)	4,4'-Methylene bis(2-chloroaniline)	101-14-4	0.50	30		
U159	Methyl ethyl ketone	Methyl ethyl ketone	78-93-3	0.28	36		
U160	Methyl ethyl ketone peroxide	Methyl ethyl ketone peroxide	1338-23-4	CHOXD; CMBST; CHODG; or INCIN	CHODG; CMBST; CHODD; or INCIN	CHODG; CMBST; CHODD; or INCIN	
U161	Methyl isobutyl ketone	Methyl isobutyl ketone	108-10-1	0.14	33		
U162	Methyl methacrylate	Methyl methacrylate	80-62-6	0.14	160		
U163	N-Methyl N-nitro N-nitrosoguanidine	N-Methyl N-nitro N-nitrosoguanidine	70-26-7	(WETOX or CHOXD) fb CARBN; or INCIN	INCIN	INCIN	
U164	Methylthioureas	Methylthioureas	56-04-2	(WETOX or CHOXD) fb CARBN; or INCIN	INCIN	INCIN	
U165	Naphthalene	Naphthalene	91-20-3	0.059	5.6		
U166	1,4-Naphthoquinone	1,4-Naphthoquinone	130-16-4	(WETOX or CHOXD) fb CARBN; or INCIN	CMBST	CMBST	
U167	1-Naphthylamine	1-Naphthylamine	134-33-7	(WETOX or CHOXD) fb CARBN; or INCIN	INCIN	INCIN	
U168	2-Naphthylamine	2-Naphthylamine	91-59-8	0.52	INCIN	INCIN	
U169	Nitrobenzene	Nitrobenzene	98-95-3	0.068	14		
U170	p-Nitrophenol	p-Nitrophenol	100-02-7	0.12	29	29	
U171	2-Nitropropane	2-Nitropropane	79-46-9	(WETOX or CHOXD) fb CARBN; or INCIN	INCIN	INCIN	
U172	N-Nitrosoodi-n-butylamine	N-Nitrosoodi-n-butylamine	924-16-3	0.40	17		
U173	N-Nitrosoethanolamine	N-Nitrosoethanolamine	1116-54-7	(WETOX or CHOXD) fb CARBN; or INCIN	INCIN	INCIN	
U174	N-Nitrosodiethylamine	N-Nitrosodiethylamine	65-18-5	0.40	28		
U176	N-Nitroso-N-ethylurea	N-Nitroso-N-ethylurea	759-73-9	(WETOX or CHOXD) fb CARBN; or INCIN	INCIN	INCIN	

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS Number	Concentration in mg/l ^a , or Technology Code ^b	(WETOX or CHOXD) fb CAREBN; or INCIN	Concentration in mg/kg ^a , unless noted as "mg/l TCLP"; or Technology Code	(WETOX or CHOXD) fb CAREBN; or INCIN
U177	N-Nitroso-N-methylurea	N-Nitroso-N-methylurea	684-92-5	(WETOX or CHOXD) fb CAREBN; or INCIN	0.013	INCIN	INCIN
U178	N-Nitroso-N-methylurethane	N-Nitroso-N-methylurethane	615-52-2	(WETOX or CHOXD) fb CAREBN; or INCIN	0.013	INCIN	INCIN
U179	N-Nitroso-piperidine	N-Nitroso-piperidine	100-75-4	(WETOX or CHOXD) fb CAREBN; or INCIN	0.013	35	35
U180	N-Nitrosopyrrolidine	N-Nitrosopyrrolidine	930-55-2	(WETOX or CHOXD) fb CAREBN; or INCIN	0.013	35	35
U181	5-Nitro-o-toluidine	5-Nitro-o-toluidine	99-55-8	(WETOX or CHOXD) fb CAREBN; or INCIN	0.32	28	28
U182	Paraldehyde	Paraldehyde	123-83-7	(WETOX or CHOXD) fb CAREBN; or INCIN	0.013	CMBEST	CMBEST
U183	Pentachlorobenzene	Pentachlorobenzene	608-92-5	(WETOX or CHOXD) fb CAREBN; or INCIN	0.056	10	10
U184	Pentachloroethane	Pentachloroethane	76-01-7	(WETOX or CHOXD) fb CAREBN; or INCIN	0.056	INCIN	INCIN
		Pentachloroethane; alternate ^c standards for both wastewater and nonwastewaters	76-01-7	(WETOX or CHOXD) fb CAREBN; or INCIN	0.056	6.0	6.0
U185	Pentachloronitrobenzene	Pentachloronitrobenzene	82-68-8	(WETOX or CHOXD) fb CAREBN; or INCIN	0.056	4.8	4.8
U186	1,3-Pentadiene	1,3-Pentadiene	504-86-9	(WETOX or CHOXD) fb CAREBN; or INCIN	0.039	CMBEST	CMBEST
U187	Phenacetin	Phenacetin	62-44-2	(WETOX or CHOXD) fb CAREBN; or INCIN	0.081	16	16
U188	Phenol	Phenol	108-98-2	(WETOX or CHOXD) fb CAREBN; or INCIN	0.039	6.2	6.2
U189	Phosphorus sulfide	Phosphorus sulfide	1314-60-3	(WETOX or CHOXD) fb CAREBN; or INCIN	0.056	CHOXD; CHRED; or INCIN	CHOXD; CHRED; or INCIN
U190	Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	100-21-0	(WETOX or CHOXD) fb CAREBN; or INCIN	0.056	28	28
U191	2-Picoline	2-Picoline	85-44-9	(WETOX or CHOXD) fb CAREBN; or INCIN	0.056	28	28
U192	Proamide	Proamide	109-06-8	(WETOX or CHOXD) fb CAREBN; or INCIN	0.093	INCIN	INCIN
U193	1,3-Propane sultone	1,3-Propane sultone	23956-88-5	(WETOX or CHOXD) fb CAREBN; or INCIN	0.093	1.5	1.5
U194	n-Propylamine	n-Propylamine	1120-71-4	(WETOX or CHOXD) fb CAREBN; or INCIN	0.014	INCIN	INCIN
U195	Pyridine	Pyridine	110-86-1	(WETOX or CHOXD) fb CAREBN; or INCIN	0.014	16	16
U197	p-Benzozquinone	p-Benzozquinone	108-51-4	(WETOX or CHOXD) fb CAREBN; or INCIN	0.014	CMBEST	CMBEST

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS		NONWASTEWATERS	
		Common Name	CAS ² Number	Concentration in mg/l ³ ; or Technology Code ⁴	(WE ⁵ TOX or CHOXD) fb CARBN; or INCIN	Concentration in mg/kg ⁶ , unless noted as "mg/l TCLP"; or Technology Code	INCIN
U200	Reserpine	Reserpine	60-55-5	(WE ⁵ TOX or CHOXD) fb CARBN; or INCIN	INCIN		
U201	Resorcinol	Resorcinol	108-46-3	(WE ⁵ TOX or CHOXD) fb CARBN; or INCIN	CMBEST		
U202	Saccharin and salts	Saccharin	81-07-2	(WE ⁵ TOX or CHOXD) fb CARBN; or INCIN	INCIN		
U203	Safrole	Safrole	94-59-7	0.081	22		
U204	Selenium dioxide	Selenium	7782-49-2	0.82	0.16 mg/l TCLP		
U205	Selenium sulfide	Streptozotocin	18883-86-4	(WE ⁵ TOX or CHOXD) fb CARBN; or INCIN	INCIN	0.16 mg/l TCLP	
U206	Streptozotocin		95-34-3	0.055	14		
U207	1,2,4,5-Tetrachlorobenzene		630-20-6	0.057	6.0		
U208	1,1,1,2-Tetrachloroethane		78-34-5	0.057	8.0		
U209	1,1,2,2-Tetrachloroethane	Tetrahydroethylene	127-18-4	0.058	6.0		
U210	Tetrachloroethylene	Carbon tetrachloride	56-23-5	0.057	6.0		
U211	Carbon tetrachloride	Tetrahydrofuran	109-99-9	(WE ⁵ TOX or CHOXD) fb CARBN; or INCIN	CMBEST		
U213	Tetrahydrofuran		7440-28-0	1.4	RTHRM; or STABL		
U214	Thallium (I) acetate	Thallium (measured in wastewater only)	7440-28-0	1.4	RTHRM; or STABL		
U215	Thallium (I) carbonate	Thallium (measured in wastewater only)	7440-28-0	1.4	RTHRM; or STABL		
U216	Thallium (II) chloride	Thallium (measured in wastewater only)	7440-28-0	1.4	RTHRM; or STABL		
U217	Thallium (II) nitrate	Thiocetamide	82-55-5	(WE ⁵ TOX or CHOXD) fb CARBN; or INCIN	INCIN		
U218	Thiocetamide	Thiourea	82-56-6	(WE ⁵ TOX or CHOXD) fb CARBN; or INCIN	INCIN		
U219	Thiourea		108-85-3	0.080	10		
U220	Toluene	Toluenediamine	26378-45-8	CARBN; or INCIN	CMBEST		
U221	Toluenediamine	<i>o</i> -Tolidine hydrochloride	636-21-5	(WE ⁵ TOX or CHOXD) fb CARBN; or INCIN	INCIN		
U222	<i>o</i> -Tolidine hydrochloride	Toluene diisocyanate	26477-62-5	CARBN; or INCIN	CMBEST		
U223	Toluene diisocyanate	Bromoform (Tribromomethane)	75-25-2	0.63	15		
U225	Bromoform (Tribromomethane)						

TREATMENT STANDARDS FOR HAZARDOUS WASTES

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	REGULATED HAZARDOUS CONSTITUENT		Concentration in mg/l ² ; or Technology Code ³	NONWASTEWATERS
		Common Name	CAS ⁴ Number		
U226	1,1,1-Trichloroethane	1,1,1-Trichloroethane	71-55-6	0.054	6.0
U227	1,1,2-Trichloroethane	1,1,2-Trichloroethane	79-00-5	0.054	6.0
U228	Trichloroethylene	Trichloroethylene	79-01-6	0.054	6.0
U234	1,3,5-Tinitrobenzene	1,3,5-Tinitrobenzene	98-95-4	(WETOX or CHOXD) fb CARBN; or INCIN	INCIN
U235	tri(2,3-Dibromopropyl)-phosphate	tri(2,3-Dibromopropyl)-phosphate	126-72-7	0.11	0.10
U236	Trypan Blue	Trypan Blue	72-57-1	(WETOX or CHOXD) fb CARBN; or INCIN	INCIN
U237	Ureasil mustard	Ureasil mustard	66-75-1	(WETOX or CHOXD) fb CARBN; or INCIN	INCIN
U238	Urethane (Ethyl carbamate)	Urethane (Ethyl carbamate)	51-79-6	(WETOX or CHOXD) fb CARBN; or INCIN	INCIN
U239	Xylenes	Xylenes-mixed isomers (sum of o-, m-, and p-xylenes concentrations)	1330-20-7	0.32	30
U240	2,4-D (2,4-Dichlorophenoxyacetic acid) 2,4-D (2,4-Dichlorophenoxyacetic acid) salts and esters	2,4-D (2,4-Dichlorophenoxyacetic acid)	94-75-7	0.72	10
U243	Hexachloropropylene	Hexachloropropylene	1888-71-7	0.036	30
U244	Thiram	Thiram	137-26-8	(WETOX or CHOXD) fb CARBN; or INCIN	INCIN
U246	Cyanogen bromide	Cyanogen bromide	506-88-3	CHOXD; WETOX; or INCIN	CHOXD; WETOX; or INCIN
U247	Methoxychlor	Methoxychlor	72-43-5	0.25	0.18
U248	Warfarin, & salts, when present at concentrations of 0.3% or less	Warfarin	81-81-2	(WETOX or CHOXD) fb CARBN; or INCIN	CMGST
U249	Zinc phosphide, Zn ₃ P ₂ , when present at concentrations of 10% or less	Zinc Phosphide	131-84-7	CHOXD; CHRED; or INCIN	CHOXD; CHRED; or INCIN
U328	o-Tolidine	o-Tolidine	95-33-4	INCIN; or CHOXD fb BIODG or CARBN; or BIODG fb CARBN.	INCIN; or Thermal Destruction
U353	p-Tolidine	p-Tolidine	106-49-0	INCIN; or CHOXD fb BIODG or CARBN; or BIODG fb CARBN	INCIN; or Thermal Destruction
U369	2-Ethoxyethanol	2-Ethoxyethanol	110-80-5	INCIN; or CHOXD fb BIODG or CARBN; or BIODG fb CARBN	CMGST

Notes to Table

¹ The waste descriptions provided in this table do not replace waste descriptions in 40 CFR part 261. Descriptions of Treatment/Regulatory Subcategories are provided, as needed, to distinguish between applicability of different standards.

² CAS means Chemical Abstract Services. When the waste code and/or regulated constituents are described as a combination of a chemical with its salts and/or esters, the CAS number is given for the parent compound only.

³ Concentration standards for wastewaters are expressed in mg/l are based on analysis of composite samples.

⁴ All treatment standards expressed as a Technology Code or combination of Technology Codes are explained in detail in 40 CFR part 268.42, Table 1—Technology Codes and Descriptions of Technology-Based Standards.

⁵ Except for Metals (EP or TCLP) and Cyanides (Total and Amenable) the nonwastewater treatment standards expressed as a concentration were established, in part, based upon incineration in units operated in accordance with the technical requirements of 40 CFR part 264, subpart O, or part 265, subpart O, or based upon combustion in fuel substitution units operating in accordance with applicable technical requirements. A facility may comply with these treatment standards according to provisions in 40 CFR 268.40(d). All concentration standards for nonwastewaters are based on analysis of grab samples.

⁶ Where an alternate treatment standard or set of alternate standards has been indicated, a facility may comply with this alternate standard, but only for the Treatment/Regulatory Subcategory or physical form (i.e., wastewater and/or nonwastewater) specified for that alternate standard.

⁷ Both Cyanides (Total) and Cyanides (Amenable) for nonwastewaters are to be analyzed using Method 9010 or 9012, found in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", EPA Publication SW-846, as incorporated by reference in 40 CFR 260.11, with a sample size of 10 grams and a distillation time of one hour and 15 minutes.

Note: NA means not applicable.

* * * * *

6. Section 268.42 is amended by revising the entry, "CMBST" in Table 1 to read as follows:

§ 268.42 Treatment standards expressed as specified technologies.

* * * * *

TABLE 1.—TECHNOLOGY CODES AND DESCRIPTION OF TECHNOLOGY-BASED STANDARDS

Technology code	Description of technology-based standards
CMBST	Combustion in incinerators, boilers, or industrial furnaces operated in accordance with the applicable requirements of 40 CFR part 264, subpart O; 40 CFR part 265, subpart O; or 40 CFR part 266, subpart H.
	* * * * *
	* * * * *

7. Section 268.48 is amended by adding footnote 5 to the entry for Vanadium and revising the footnote to read as follows:

§ 268.48 Universal Treatment Standards.

* * * * *

§ 268.48 TABLE UTS—UNIVERSAL TREATMENT STANDARDS

* * * * *

⁵ Vanadium and zinc are not "underlying hazardous constituents" in characteristic wastes, according to the definition at 268.2(i).

Note: NA means not applicable.

8. Appendix X to part 268 is amended by revising Certification Statement B to read as follows:

Appendix X to Part 268—Recordkeeping, Notification, and/or Certification Requirements.

* * * * *

Certification Statements

* * * * *

B. I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack does not contain any wastes identified at Appendix IV to part 268. I am aware that there are significant penalties for submitting a false certification including possibility of fine or imprisonment.

* * * * *

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